

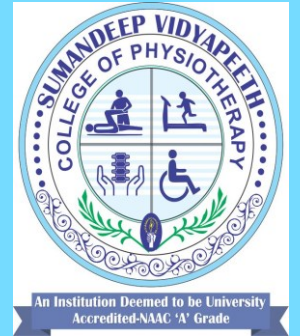


RENAISSANCE

NEWS LETTER

OF

COLLEGE OF PHYSIOTHERAPY



Volume 9 Issue 1
Jan-April 2020

College of Physiotherapy
Sumandeep Vidyapeeth

(An Institution Deemed to be University u/s 3 OF UGC ACT OF 1956)

NAAC Accredited Grade – A with CGPA 3.53/4

Conferred with UGC-CATEGORY-1 Status

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MISSION AND VISION

MISSION

The mission is to educate competent autonomous Physiotherapists who, by their commitment to advance the health and quality of life for all, are leaders regionally, nationally and internationally. The faculty is dedicated to creating a collaborative environment demonstrating excellence in teaching and learning, research and creative activity and service to the community and profession.

VISION

College of Physiotherapy, SUMANDEEP VIDYAPEETH, will excel as recognized leader nationally and internationally in education, research, and civic engagement.

EDITORIAL BOARD

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I. FAMILY PHOTO



WELCOME NEW FACULTY



Dr. Aishwariya Bhavasar
Assistant Professor
MPT (Neurological Condition)



Dr. Yogini Patel
Clinical Therapist
B.P.T.- College of Physiotherapy,
Sumandeep Vidyapeeth.

II. Academic Activities

(A) Internship Induction (Feb- Aug 2020)

Internship induction program was conducted on 3rd February 2020 for the students who had successfully passed the university examination held in December 2019. The internship program was started within 15 days of declaration of result as stipulated by Physiotherapy undergraduate curriculum of Sumandeep Vidyapeeth. Information regarding the commencement of internship program was displayed on the college notice board on 24th January 2020 and a copy was sent to the Registrar, Sumandeep Vidyapeeth University on the same day.

Prior to the induction program, all the interns were given clinical scenarios based on bioethics. They were asked to deliberate on it. The induction program started at 11:30am. Dr. (Prof.) Lata Parmar, Principal, College of Physiotherapy; Dr. G Palani Kumar, Professor, College of Physiotherapy; and Dr. Nalina Gupta (Internship coordinator & HRRP coordinator), Dr. Neha Mukkamala (Clinical In charge); and Dr. Megha Mehta (CCEF coordinator) were present. Fifteen interns were present during the induction program. Dr. Nalina welcomed all and congratulated all the students for successfully completing their final examination and starting with their internship.

Dr. (Prof.) Lata Parmar welcomed all the interns and congratulated all of them. She emphasized on the significance of internship period in clinical practice. She emphasized on the principles of bioethics and professionalism to be maintained. Dr. Kumar welcomed all the interns and congratulated all of them. Dr. Neha Mukkamala welcomed all and emphasized on the importance of having a hospital attached to the college. Dr. Megha welcomed all and introduced them regarding CCEF facility available in the college.

Dr. Nalina explained all the interns regarding various rules and regulations. Fifteen interns were grouped in thirteen batches. Internship period is of 26 weeks. Each batch will have their posting in 13 wards/ OPD for two weeks each. The details of the same are displayed on the notice board. During 26 weeks tenure, they are allowed to take only 6 casual leaves. They cannot take more than two days in any of the postings. Days more than two days in any of the postings will be contributed towards extension of the same posting. If they take leaves one day prior as well as one day after a holiday, then holiday will also be considered as a leave. Taking a leave is not their right. Leave application has to be duly signed by the ward in

charge and forwarded to the principal through Internship coordinator. They can take their leave only when it is sanctioned. During this period, they will also have evidence-based seminars and evidence-based research projects. Topics for the research projects will be selected under the guidance of a guide and it will be a case-series. Guides for the research projects and HRRP clearance will be done within one month of the commencement of the internship. Research project must be submitted one month before the completion of the internship duly signed by their guides. Topics for the evidence-based seminars will be decided and started within two months of the commencement of the internship program.

All the students were asked to write joining report, fill interns detail form and submit it to the Internship coordinator. They were also given a copy of logbook to be photocopied by all the students. Students were asked to maintain their log book on a regular basis and it will be checked by the internship coordinator every week. Students were asked if they have any queries. The induction program ended at 12:30pm. Students were asked to proceed to their respective postings.

Photo Gallery



(1)



(2)

Pictures 1 & 2: Interns grouped for case-scenarios



(3)



(4)

Pictures 3 & 4: Deliberation of Case-scenarios on bioethics and professionalism by Interns



(5)

Picture 5: Prof. Dr. Lata Parmar addressing the Interns



(6)

Picture 6: Dr. Nalina Gupta explaining rules and regulations of internship

(B) Educational trip to Rehabs Clinic

For final year BPT students an educational visit to REHABS- an Orthosis and Prosthesis clinic, was organized on 12th & 13th March 2020 from 11:00am - 4:00pm. All the Final year students (Regular +Odd) were divided in two batches of 53 & 54 students each. A college bus was arranged for the students and faculty Dr. Dhvani Chanpura accompanied the students on both the days.

Dr. Keyur, Prosthetist & Orthotist oriented the students regarding orthosis and prosthesis used in different conditions along with explanation in brief about different parts, use, prescription, functions, advantages and disadvantages. The List as follows;

A. Orthosis:

1. Lower Limb Orthosis: Hip –knee-Ankle-Foot –Orthosis, Reciprocating Gait Orthosis, Splints for congenital dislocation of hip, OA Knee Brace, Ankle-Foot –Orthosis, CTEV shoes, Toes separators, Toe Spacer, Medial toe Bar, shoe Correction, Metatarsal Pad, Silicon Heel Cups, University of California-Berkley Lab –Foot Orthosis

2. Upper Limb Orthosis: Cock up splint, Dynamic radial nerve palsy splint, Elbow extension brace, tennis elbow brace, Plastic gutter splint for forearm, Mallet finger splint, Silicone gel finger cap.

3. Spine Orthosis: Rigid cervical collar and semi rigid one, Boston brace, ASH brace, Taylors brace, Jewett, coccyx seat

B. Prosthesis: Above Knee (A/K) Prosthesis, Below knee (B/K) Prosthesis, Foot – SACH Foot, Upper limb prosthesis

Dr. Keyur discussed about ideal stump and donning and doffing of ‘Lower limb Prosthesis’, gait pattern of a patient with above knee amputation to all the students,

After the talk and demonstrations, the students were taken to the workshop where the making of the orthotic and prosthetic components were shown. Doubts of the students regarding orthosis and prosthesis were also solved. Session ended with vote of thanks by the faculty and after attendance students dispersed along with their in-charge for the college and reached back to campus by 4:45 pm.

Photo Gallery:



Education Trip to Bionic Rehab

(C) PG Activities

PG Students of college of physiotherapy are undergoing various clinical and academic activities throughout their two years of curriculum. PG activities include seminar presentation (Evidence based), Case presentations as well as Journal club along with the training in clinical skills. The details given below are for the period of January to April 2019.

Case Presentations	02
Journal Club	19

Because of COVID-19 lockdown was announce which has impacted PG Activities. In addition to this, 2nd year PG students continued data collection for their on-going dissertation and 1st year PG students had finalised and their subsequent HRRP meeting is. During this period total three Human Research Review Panel (HRRP) meeting were held to present their progression report of dissertation.

Apart from their regular Hospital postings, PG students are also having regular Community posting (Weekly once – on Saturday) at Waghodia PHC. They also visit NGO - Friends Society (weekly once – on Sunday) at Fatehgunj, Vadodara. They also attended camp organised by Dheeraj Hospital in Devgarh Baria on 2nd February, 2020.

During this period, Post Graduate students (Both 1st & 2nd Year MPT) attended Guest lecture on Gait analysis.

(D) University Supplementary Examination

Result

University Supplementary examination was held in Dec, 2019 and result was announced on 23rd Jan, 2020.

(E) Webinar

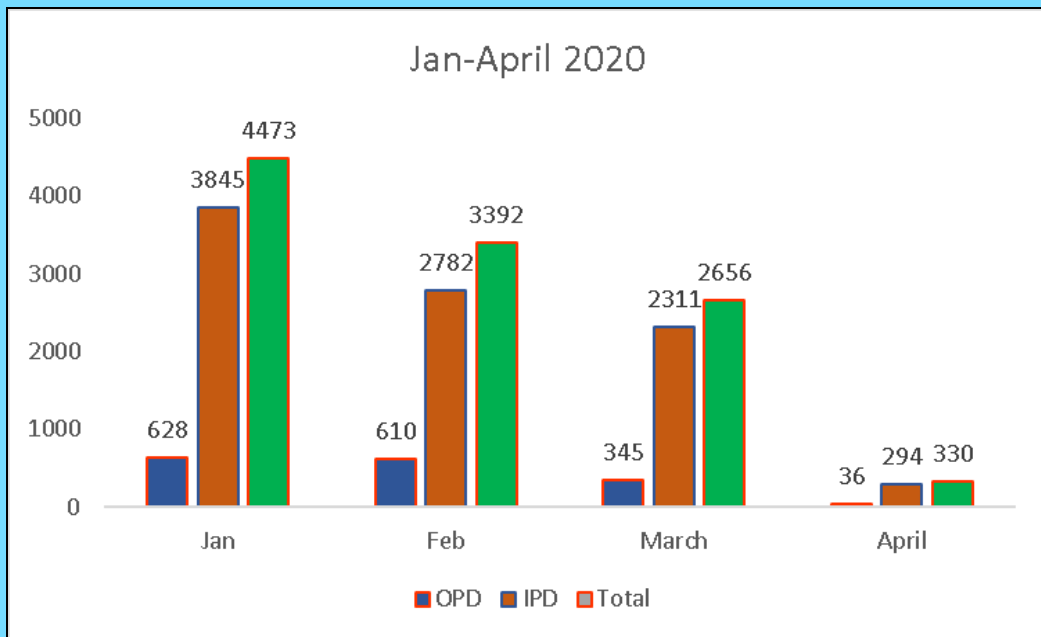
College of Physiotherapy organizes webinars regularly with Dr. Veerendra Shandilya – Rehabs Private Limited. He gives expert advices related to clinical application of orthotics and prosthetics to Final year students.

During this period total four webinars were conducted; each session was conducted for 1 hour.

Details are as below.

Sr. No.	Date	Topic	Demonstration
1	09.01.2020	case of left below knee amputation	Donning and Doffing of Endoskeleton pylon sag phot prosthesis
2	22.01.2020	Bilateral Transfemoral Amputation	Donning and Doffing of Bilateral Transfemoral Prosthesis
4	05.02.2020	Right Side Flexor Tendon Injury	Donning and Doffing of Cock up Splint

III. Patient Care



Census of Physiotherapy OPD & Dhiraj Hospital for the Months of January to April 2020

*Lockdown from 16th March, 2020 impacted total Number of Patients.

IV. RESEARCH ACTIVITY

PAPER PUBLISHED

Sr. No	Author	Title	Name of Journal	Volume & Issue, Month & Year
1	Dr. Nalina Gupta	Recommendations for standards of physiotherapy care following complete traumatic paraplegia in India	Spinal Cord Series and Cases	6 (1), March-2020

LIST OF ONGOING RESEARCH PROJECTS – FACULTY

Sr. No.	Name of Staff	Co-Investigator(s)	Title
1.	Dr. Neha Mukkamala	Prof. Dr. Lata Parmar	Physiotherapy students' preference on chalk and board v/s PowerPoint presentations
2.	Dr. G Palani Kumar	Prof. Lata D Parmar	Immediate effect of electro acupuncture in non-specific low back pain in community

LIST OF ONGOING PHD

Sr. No.	Principal Investigator & Department	Year of Joining	Guide Name	Title
1.	Dr. Neha Mukkamala, (Physiotherapy)	2012	Dr. J. D. Lakhani	To study the profile as well as prevalence of musculoskeletal problems in patients with diabetes mellitus
2.	Dr. Niketa Patel, (Physiotherapy)	2012	Dr. P. Golwala	Effect of restoration of normal hip anatomy on abductor lever arm and muscle strength after different hip surgeries
3.	Dr. G. P. Kumar, (Physiotherapy)	2015	Prof Dr. Lata Parmar,	Development and Validation of a new falls efficacy scale with relevance to India
4.	Dr. Kalpesh Satani, (Physiotherapy)	2016	Dr. Lata Parmar,	Effects of continuous monitoring of rehabilitation program on physiological outcomes, functional

				status, and health related quality of life in patients with coronary artery bypass graft
5.	Dr. Noel Macwan, (Physiotherapy)	2016	Prof Dr. Lata Parmar,	Correlation of physical activity and musculoskeletal pain in elderly in the rural areas, and the effect of home-based physiotherapy - A randomized control trial
6.	Dr. Virendra Shandilya, (Prosthetic Orthotics)	2016	Prof Dr. Lata Parmar,	Functional Viability of an Indigenously Developed Economical Endo-skeletal Prosthetic Knee Joint for Transfemoral Amputees – Comparative Study
7.	Dr. Prajakta Patil, (Physiotherapy)	2016	Prof Dr. Lata Parmar	Efficacy of Bubble PEP on Breathlessness, Cough, Sputum Scale & Functional Capacity in hospitalized COPD patients – A Randomized Control Trial

LIST OF ONGOING RESEARCH PROJECTS - STUDENT-PG

Sr. No.	Name of Student	Guide	Title
1.	Dhwani Naik	Dr. Neha M.	Relation of Flat Feet with Knee osteoarthritis in Adults
2.	Lavina Khatri	Dr. Niketa Patel	Assessment of Functional End Ranges of Lower Limb Joints in Positions Commonly used in ADLs in India
3.	Ashwini Gite	Dr. Neha M.	Relationship between Body Mass Index and Flexibility in Young Adults
4.	Deepali Patil	Dr. Niketa Patel	Relationship between Transversus abdominis strength and Lumbar Lordosis in Young Adults
5.	Shailly Parikh	Dr. Neha M.	Relationship between BMI and Physical Fitness in College students
6.	Pawan Kumawat	Dr.G.P.Kumar	Effect of Electrical stimulation in Spasticity in Spinal cord Lesion Patients
7.	Shruti Talnikar	Dr.G.P.Kumar	Effect of Mirror Feedback on Multidirectional Reach
8.	Pooja Thakur	Dr.Nalina Gupta	Knowledge of Mother's regarding infant's development milestones in four domains (Gross motor, Fine Motor, Language Personal & Social)

CONFERENCE/WORKSHOP/CME/SEMINARS/SYMPOSIA – ATTENDED

Sr. No.	Name(s)	Workshop / Conference Title	Organized by	Date/s
1.	Dr. Kalpesh Satani	International guest lecture on gait analysis	21st January 2020	Dept of Orthopedics SBKSMIRC SV
2.	Dr. Neha Mukkamala			
3.	Dr Nalina gupta			
4.	Dr. Megha Mehta			
5.	Dr. Noel Macwan			
6.	Dr. Parth Devmurai			
7.	Dr. Dhvani Chanpura			
8.	Dr. G P kumar	National Symposium on manual of Health Sciences for Universities	22nd January 2020	IQAC, SVDU
9.	Dr Nalina gupta			
10.	Dr. Neha Mukkamala			
11.	Dr. Megha Mehta			
12.	Dr. Noel Macwan			
13.	Dr. Kalpesh Satani			
14.	Dr. Parth Devmurai			
15.	Dr. Dhvani Chanpura			

PAPER / POSTER PRESENTED

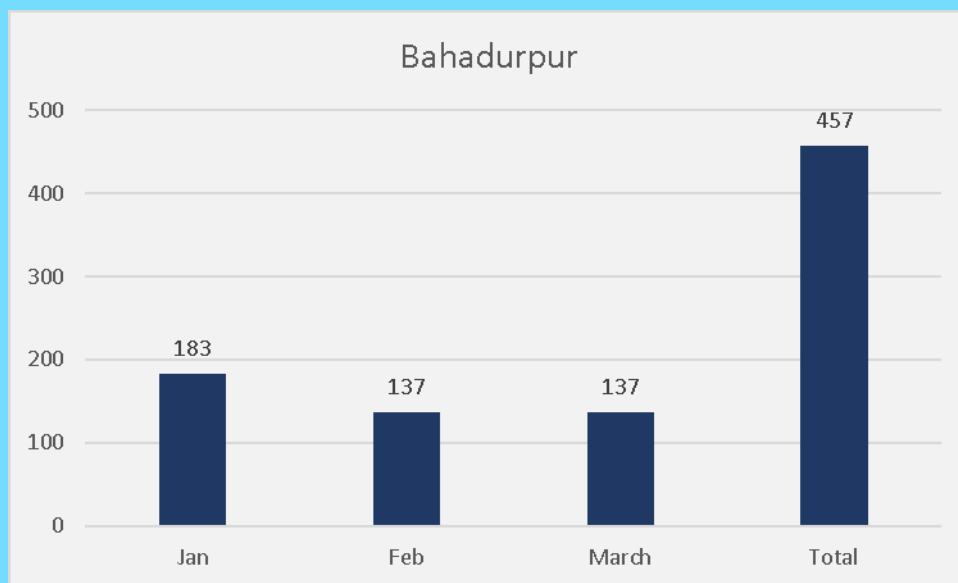
S.N.	Name of Presenter	Co Author	Title	Date	Detail of conference/ workshop
1	Tresha Parmar (PG Student)	Dr. Lata Parmar Dr. Neha M.	Relationship between Hamstring Flexibility and Sprint in Football Players- A Pilot Study	15 th & 16 th Feb, 2020	2 nd International conference on Sports & Exercise Medicine

HONORS / AWARDS / RECOGNITION RECEIVED BY FACULTY

S.N.	Name of faculty	Details	Name of awarding body/ agency	Date
1.	Dr.G.P.Kumar	Research Award	SVDU	17 th Jan 2020
2.	Dr. Lata Parmar	KLE Institute of Physiotherapy, Belgavi, Karnataka	Guest of Honor for the Graduation day	6 th Feb, 2020
<p>Photo Gallery:</p> 				
3	Dr. Lata Parmar	eJ Manager Journal Management Services	Reviewer	22 nd Feb,2020

V. COMMUNITY EXTENSION

College of Physiotherapy is providing service at community in various places like Bahadarpur, Waghodia and Friend society at Baroda. Our Faculties and Students visit at Friend Society every Sunday and at Primary Health Center, Waghodia every Saturday and total numbers of patients were 28 and 06 respectively during January to April 2020. Due to COVID'19 pandemic, lockdown was declared in the late of march month which impacted number of patients. Number of patients treated at Bahadarpur center as below.



No. of patient in Bahadarpur (January to April 2020)

Total No. of Patients (January-April 2020)	
Friend Society, Vadodara	28
Primary Health Center, Waghodia	06

VI. EVENTS

(A) College Organized Events

Followings are the events which were organized by college of Physiotherapy.

(i) Seminar: “Pluses of Post-Graduation” for Interns 2019-20

Each year, Career and Competitive Examination Forum (CCEF), COP organizes programs/ seminars to sensitize outgoing interns about future prospects in the field of Physiotherapy. This year CCEF, COP organized a seminar on “**Pluses of Post-graduation**” for interns 2019-20 on 17th February 2020, at auditorium, COP. Total **105 Interns** attended the same. The seminar started at 4 pm. Dr. G. P. Kumar, Professor, COP took the session. In the seminar, Dr. Kumar highlighted various areas of specialization available in Master of Physiotherapy (MPT). He also explained need (Must if wants to join teaching institute, improves decision making in Physiotherapy treatment etc.) and benefits (better pay scale, opportunity to do research etc.) of doing MPT in present era. He also talked about various institutes (within & outside state) where MPT courses are running. He explained the interns about MPT course running at COP i.e. specializations available, course work, clinical exposures, stipends etc. At the end he answered queries from the audience. With this the session concluded at 5 pm.

Photo Gallery:



Pluses of Post-Graduation

(ii) Seminar: “Scope after BPT” for Interns 2019-20

Each year, Career and Competitive Examination Forum (CCEF), COP organizes programs/ seminars to sensitize outgoing interns about future prospects after completing BPT. This year CCEF, COP organized a seminar on “Scope after BPT” for interns 2019-20 at 12 pm on 17th February 2020, at auditorium, COP. Total 105 interns attended the program. Dr. Megha Mehta, CCEF coordinator, COP took the session. In her talk she explained about various opportunities like MPT, clinical practice, placements, freelancing, entrepreneurship etc. to the interns. She also explained about various opportunities available overseas. At the end she answered queries from the audience. With this the session concluded at 1 pm.

Photo Gallery:



Scope after BPT

(iii)International Women’s day 2020

As per the UGC notification D.O.No.F.1-11/2020 (Website), the College of physiotherapy celebrated “International Women’s day” on 5/3/2020 from 3 – 4 pm in Auditorium, COP. Based on this year’s declared theme, "I am Generation Equality: Realizing Women’s Rights”, we had organized a debate on “Gender equality in modern India”. Student coordinator and Women cell coordinator of College of Physiotherapy welcomed all faculties, UG and PG students. For debate there were two teams - A & B with 14 participants each. Participants were PG students. Team A was in favor of the statement and Team B were against of the same. Rules of Debate were explained. One after another, both the teams presented strong arguments. Member secretary of ICC – Dr. Niketa Patel was the Judge for Debate Competition. The teams were judged on basis of argument, structure of argument and delivery of argument. Based on these points Team A was announced as Winner. Lastly, audiences also presented their views on “Gender equality in modern India”. With appreciation to all, the program was concluded by 4pm.

Photo Gallery:



International Women’s day 2020

(B) University Organized Events

(i) Self Defense Workshop

With reference to SVDU/R/15922019-20, Sumandeep Vidyapeeth deemed to be University had organized self-defense workshop in collaboration with District Collector Office, Government of Gujarat. The workshop was organized from 7th to 18th Feb, 2020, Monday to Saturday, from 9:45 to 10:45. This workshop was organized with focus to help girls in learning important skills including avoidance, de-escalation and escape from potentially dangerous situation. There was a team trained in FUNABA Martial Arts who trained all the participants. Total 415 girls participated in workshop from College of Physiotherapy (95 girls from first year BPT, 77 girls from Second year BPT, 46 girls from Third year BPT, 96 girls from Final year BPT, 92 girls from Internship and 9 girls from MPT). Each of participants will get certification in self-defense training from Govt. of Gujarat.

Photo Gallery:



Self Defense Workshop



College of Physiotherapy

Sumandeep Vidyapeeth

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