

12th National Physiotherapy Summit



Innovation & Entrepreneurship

January 22, 2022 | 8:30 am onwards [Virtual Mode]

Events:

Expert Talks | Poster Presentation
Paper Presentation

[Conference proceeding will be published with ISBN number]

To register, visit:

www.rku.ac.in/physiofest

Registration Fees: Rs. 100/-

Last date to register: Jan 18, 2022



SCHOOL OF
PHYSIOTHERAPY
RKUNIVERSITY



Physiofest is an Annual National Physiotherapy Summit which aims at empowering students enhancing the excellence in the field of Physiotherapy. It also serves as a platform for the Students and Therapists to learn and improve their skills in the field. Physiofest brings out the innovation and research in Students and Therapists.

Shri Shamjibhai Harjibhai Talaviya Charitable (SHTC) Trust managed School of Physiotherapy, RK University (RKU) has organized 12th National level Physiotherapy summit to Provide a platform to the students to showcase their Innovative and Entrepreneurial skills.

The School of Physiotherapy constantly strives to provide the quality input to students by providing them various platforms for their overall development. Taking this effort further, Physiofest is organized by School of Physiotherapy, RK University every year since 2009.

Taking this tradition forward we organized Physiofest 2022 on 22nd January 2022 with a focus on '**Innovation and Entrepreneurship**' in the field of Physiotherapy on a virtual Mode

The event was inaugurated in presence of Executive Vice President Mr. Denish Patel. More than 250 participants from more than 20 colleges across the nation, had represented in this summit virtually. Delegates had participated in various academic activities like Platform paper presentation, Poster presentation

Dr. Neeta Vyas a very senior academician and clinician (Former Principal SBB College of Physiotherapy, Ahmadabad) was the key note Speaker

for the event. Expert session was also delivered by Mr. Padmin Buch on Intellectual Property Right (IPR), Dr. Nitesh Bansal on Entrepreneurship and Physiotherapy and Dr. Sagar Naik narrate his experience in establishing of Asian Physiotherapy and Research Institute.

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Dr. Neeta Vyas
Senior Academician & Clinician
Ex Principal, SBB College of Physiotherapy;
Sheth V.S. Hospital, Ahmedabad, Gujarat.
Topic: Scope of Innovation & Entrepreneurship in Physiotherapy

SSIP
CPD (RKU) For more details, visit: www.rku.ac.in/physiofest

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Mr. Padmin Buch
Senior IPR Domain Expert
Topic: Intellectual Property Rights

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Prof. (Dr.) Nitesh Bansal
Registrar, Rishikood University,
Sonapat, Haryana.
Topic: Entrepreneurship & Physiotherapy

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Dr. Sagar Naik
Owner & Chief Physiotherapist
at Asian Physiotherapy & Research
Institute, Surat, Gujarat.
Topic: My Story

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This year we had received around 50 Theme specific Paper out of Which we have shortlisted 32 Paper to be presented in the Physiofest 2022 and in addition to that we had also received 30 theme specific Digital poster out of which we have shortlisted 18 Poster for presentation.

Many senior academicians Principal and Directors of India and Nepal chair the session of Paper and Digital Poster Presentation.

Certificate was awarded for each delegate and the selected Paper and poster will be featured in ISBN approved annually published Physiotherapy newsletter Physioforum after fulfilling the publishable criteria.



Platform Presentation Track 1 (Section - 1)

Timing 11.00AM- 12.30PM

Presenter Name & ID	Title	Time
Foram Bhut 01T1_FORAM	Designing & testing of innovative biofeedback device for the training of trunk movement: An exploratory study	11.00am-11.10am
Apoorva Nale 02T1_APOORVA	Comparing the effect of Rhythmic Stabilization and Combination of Isotonic technique on grip strength, pinch strength and dexterity of hand among middle aged healthy individuals -A Randomized Clinical Trial	11.10am-11.20am
Avinash Kumar Boyat 03T1_AVINASH	Effect of basic training program on bowling speed and conditioning of medium fast bowlers	11.20am-11.30am
Dr. Dharti N Hingarajia 04T1_DHARTI	ROLE OF ANKLE JOINT POSITION SENSE AND FOOT POSTURE ON SEVERITY AND FUNCTIONAL DISABILITY AMONG PATIENTS WITH KNEE OSTEOARTHRITIS-AN INNOVATIVE CORRELATIONAL STUDY	11.30am-11.40am
Dr. Harshad Morasiya 05T1_HARSHAD	DEVELOPING SPORTS INJURIES SPECIFIC SOFTWARE FOR CAPTURING SOAP NOTES AND MAINTAINS LONGEVITY OF PLAYER'S DATA FOR TREATMENT AND REHABILITATION OF SPORTS PERSON	11.40am-11.50am
Iram Mansuri 06T1_IMRAN	Effect of shoulder stabilization exercise versus grip strengthening exercise on writing speed and dynamic hand endurance in stenographers	11.50am-12.00pm
Dr. Radhika Dipakbhai Kariya 07T1_RADHIKA	A STUDY TO DESIGN A FLEXIBILITY DEVICE FOR HAMSTRING MUSCLE STRETCHING FOR MUSCLE TIGHTNESS – A PILOT STUDY	12.00pm-12.10pm
Nikhil Aggarwal 08T1_NIKHIL	Robotic Head Orthosis Integrated with Eye Movement – A Technical Note.	12.10pm-12.20pm



Platform Presentation Track 1 (Section - 2)

Timing 12.30PM- 02.00PM

Presenter Name & ID	Title	Time
CHAVDA URVISHA DHIRAJBHAI 09T1_URVISHA	A study to compare intra- oral physiotherapy treatment versus extra-oral physiotherapy treatment in tobacco chewing people	12.30pm-12.40pm
Dr. Hiral Jivani PT 10T1_HIRAL	Immediate effect of self myofascial release at planter aspect of feet on hamstring flexibility in flat feet children	12.40pm-12.50pm
Dr. Mahima P. Gor 11T1_MAHIMA	An innovative way of individual-specific strength exercises protocol with unique designed adjustable sandbag on knee muscle strength and speed performance in speed skaters: A randomized control trial	12.50pm-01.00pm
Nidhi Ved 12T1_NIDHI	Developing Biofeedback Integrated Thoracic Expansion Measuring Device – A Technical Note.	01.00pm-01.10pm
Shah Riya satishbhai 13T1_RIYA	To study the effect of integrated neuromuscular inhibition technique versus muscle energy technique on pain, cervical range of motion in subjects with mechanical neck pain -an experimental study	01.10pm-01.20pm
Margi Rachchh 14T1_MARGI	New Physiotherapy Methods in treatment of Non-specific Neck Pain- A Narrative Review	01.20pm-01.30pm
Dr. Trupti B.Mehta 15T1_TRUPTI	Awareness of Lower cross syndrome in relation to back pain among physiotherapist- A survey	01.30pm-01.40pm
Dr. Priyanka Vikramsinh Solanki 16T1_PRIYANKA	Effect of Plyometric Training on Balance, Explosive Power and Agility in Badminton Players- A systematic Review	01.40pm-01.50pm



Platform Presentation Track 2 (Section - 1)

Timing 11.00AM- 12.30PM

Presenter	Title	Time
Kinjal Purohit 01T2_KINJAL	Effect of Trendelenburg position and physiotherapy for management of refractory hypoxemia in patient Post liver transplantation with hepatopulmonary syndrome - A Case study	11.00am-11.10am
Trupti Jadav 02T2_TRUPTI	Rethinking Screen Time During COVID-19 Pandemic: Association with Physical Activity in Older Adults	11.10am-11.20am
Sridhar Shirodkar 03T2_SRISHAR	Use of a novel technique “Keep your move in the tube” as sternal precautions amongst physiotherapists in Maharashtra: A Web Based Survey	11.20am-11.30am
Nihar Joshi 04T2_NIHAR	Effects Of Wearable Resistance Training in Sports Players: A Narrative Review	11.30am-11.40am
Vidhi Joshi 05T2_VIDHI	Validation and testing of RK RespoTech – Respiration Enhancing Device	11.40am-11.50am
Shweta Rakholiya 06T2_SHWETA	The innovative technologies for assessment of balance performance – A literature review	11.50am-12.00pm
Bhakti Desai 07T2_BHAKTI	“An Inventive Analysis of Subclinical Peripheral Nerve Changes in Diabetics and Non-Diabetics Subjects-- A Cross -Sectional Observational Study.”	12.00pm-12.10pm
Hetvi Bhatt 08T2_HETVI	The Known Effect of Alpha Brain Wave Therapy as Treatment Regimen in Various Conditions – A Systematic Literature Review of RCT And Clinical Trials	12.10pm-12.20pm



Platform Presentation Track 2 (Section - 2)

Timing 12.30PM - 02.00PM

Presenter	Title	Time
Ankita Shetty 09T2_ANKITA	Prevalence And Association of Balance Impairment Among Middle Aged Diabetes Mellitus Patient Without Overt Diabetic Peripheral Neuropathy	12.30pm-12.40pm
Kalpana Amliyar 10T2_KALPNA	Unique Method of Using Trampoline Based Training and Gaze Fixation on Balance and Coordination in Subject with Cerebellar Ataxia: A Case Report	12.40pm-12.50pm
Sweta Rathod 11T2_SWETA	Developing A Protocol of Using Body Weight Support Overground Training with Sensory Mats on Walking Ability in Subjects with Incomplete Paraplegia: A Case Series	12.50pm-01.00pm
Shivam Patel 12T2_SHIVAM	An Innovative and Novel Way of Using an Otago Exercise and Hopscotch Training on Balance and Coordination in Post Operated Type 2 Chiari Malformation Subject: A Case Report	01.00pm-01.10pm
Falak Oza 13T2_FALAK	Physical Fitness, Bio-motor skills & Quality of Life in Para-athletes- A systematic review.	01.10pm-01.20pm
Amees Tilala 14T2_AMEE	“Overactive bladder and Physiotherapy- A Narrative Review.	01.20pm-01.30pm
Avi Choudhary 15T2_AVI	Entrepreneurial Opportunities: Awareness among Physiotherapy Students	01.30pm-01.40pm
Chirag Solanki 16T2_CHIRAG	Survey of Various Entrepreneurship Models in Physiotherapy Practice	01.40pm-01.50pm



Poster Presentation (Section - 1)

Timing 11.00AM- 12.30PM

Presenter	Title	Time
Tanvi Fuletra 01T3_TANVI	Effect Of Sequential Compression Biomechanical Device In Critical Limb Ischemia	11.00am-11.10am
Vaishali Patel 02T3_VAISHALI	Bubble-Positive Expiratory Pressure Device and Sputum Clearance in Bronchiectasis: A Randomized Cross-Over Study	11.10am-11.20am
Shivani Trivedi 03T3_SHIVANI	Developing A Modified Mobilizer Gag Exerciser Device to Measure and Monitor Mouth Opening: Prototype Development	11.20am-11.30am
Haseena Makrani 04T3_HASEENA	.Aerobika:An Airway Clearance Device	11.30am-11.40pm
Mugdha Oberoi 05T3_MUGDHA	Mobile Application for Physiotherapy	11.40pm-11.50pm
Manjuraj Roy 06T3_MANJURAJ	Teddy Study- Understanding BPT Course in Online Mode with Teddy, Teacher and Student's View Point	11.50pm-12.00pm
Dr Krishna N Sheth 07T3_KRISHA	Effect Of Osteopathic Manipulative Technique on Asthma	12.00pm-12.10pm
Mansi Pandya 08T3_MANSI	Effects Of Supervised Exercise Program on Endurance in Post COVID-19 Patients with Existing Lung Disease	12.10pm-12.20pm
Kritika Khandelwal 09T3_KRITIKA	Effect of advanced practice physiotherapy in patient with musculoskeletal disorders – a literature review	12.20pm-12.30pm



Poster Presentation (Section - 2)

Timing 12.30PM - 02.00PM

Presenter	Title	Time
Shivani Khandelwal 10T3_SHIVANI	Effectiveness of pilates exercise for scoliosis to improve spinal deformity and quality of life – a literature review	12.30pm-12.40pm
Chandresh Vekariya 11T3_CHANDRESH	Calcaneal Deviation & Its Clinical Implication	12.40pm-12.50pm
Reeshal Dsouza 12T3_REESHAL	Effects Of Exercise Rehabilitation On Cardiovascular Risk Factors In Older Patients With Peripheral Arterial Occlusive Disease – A Literature Review	12.50pm-01.00pm
Nikhil Aggarwal 13T3_NIKHIL	Effect of Acu-Tens on Pulmonary function among COVID-19 patients –A systematic Review	01.00pm-01.10 pm
Since Benny 14T3_SINCE	Effect Of Robot-Assisted Gait Training For Patients With Hemiparesis Due To Stroke:A Literature	01.10pm-01.20pm
Shone varghese 15T3_SHONE	Effectiveness Of Neuromuscular Electrical Stimulation And Electromyographic Biofeedback For Oropharyngeal Dysphagia In Stroke - A Literature Review	01.20pm-01.30pm
Albin Tomy 16T3_ALBIN	Effect Of Proprioceptive Neuromuscular Facilitation Integration Pattern On Pain And Balance In Elderly Patients With Chronic Back Pain : A Literature Review	01.30pm-01.40pm
ANUWIT PY 17T3_ANUWIT	WII FIT BALANCE BOARD PLAYING IMPROVES BALANCE AND GAIT IN ELDERLY PATIENTS WITH PARKINSON'S DISEASES (PD) – A LITERATURE REVIEW	01.40pm-01.50pm
ALBIN M S 18T3_ALBIN	AUGMENTED REALITY SYSTEMS FOR SHOULDER REHABILITATION– A LITERATURE REVIEW	01.50pm-02:00pm