

# EMBRACING AI TECHNOLOGY: TRANSFORMING THE FUTURE OF PHYSIOTHERAPY AND REHABILITATION SCIENTIFIC PROGRAM SCHEDULE (ONLINE) 15<sup>th</sup> - 17<sup>th</sup> NOVEMBER 2024

# **VENUE: GOA MEDICAL COLLEGE**

# NATIONAL PHYSIOTHERAPY CONFERENCE





#### THEME



### ZOOM (BREAKOUT ROOM 1)

9:00 - 10: 30	Μι
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11:10 - 12:10	Ne
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12:15 - 12:45	UC

#### 15th NOVEMBER

## **ONLINE PAPER PRESENTATIONS**

- usculoskeletal Physiotherapy Papers
- G students)
- ports Physiotherapy Papers
- G students)
- euro Physiotherapy Papers
- G students)
- G Students

## ZOOM LINK WILL BE SHARED ONE DAY PRIOR

## ZOOM (BREAKOUT ROOM 2)

9:00 - 10: 30	Cardiovascular & Respirat (PG students)
10:05 - 10:35	Community Physiotherap (PG students)
10:40 - 11:00	Innovation & AI Papers (PG students)
11:00 - 12:00	Professional Papers

#### atory Physiotherapy Papers

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AUDITORIUM		
Time	Topic	Faculty
9:00 - 9:10	Overview on Embracing AI & Technology in Physiotherapy	Dr. Apurv Shimpi
9:15 - 9:30	Future of Pediatric Rehab with AI	Dr. Asha Chitnis
9:35 - 9:50	Technological breakthroughs in managing musculoskeletal pain	Dr Shobhalaxmi
9:55 - 10:10	Augmenting Artistry: How AI Shapes Innovation	Dr. Arun Maiya
10:15-10.30	From Bench to Field: Return to Sport Assessment in the Digital Age	Dr. Sai Kishore
10:35 - 10:55	AIDemics - Adapt or Adept?	Key Note: Dr. Waqar Naqvi
11:00 - 11.25 <b>Scientifica Oration Talk:</b> AI transforming the future of -Dr. Michael Rowe; UK		
11:30-11:45	Role of Government in Disability Rehab: UDID for people with Disabilities	Mr. Guruprasad Pawaskar
12:05 - 1:15	:05 - 1:15 INAUGURATION AT AUDITORIUM	
1:15 - 1:45	LUNCH	

#### AUDITORIUM

Time	Topic	
1.45 -2.20	<b>Panel Discussion</b> : Neuro- Tech-Nexus: Shaping the Future of Neuro Physiotherapy	Vijay Solo
2.25 - 3.00	<b>Panel Discussion</b> : Leveraging Technology for Better Learning Outcomes	Arun Gaur
3:05 - 4:30	STUD	ENTS

#### Faculty

ay Bathina, Sajeevan, John lomon, Chanan Goyal

in Maiya, Shaswat Verma, urang Baxi

#### S FORUM

Time	
8:30 - 8:45	A P C
8:50 - 9:05	C
9:10 - 9:20	T N P
9:25 - 9:40	R
9:45 - 9:55	C ir
9:55 - 10:05	A N A
10:10 - 10:25	A R H

AUDITORIUM		
Topic	Faculty	
AI Ethics in Health Profession: Navigating the Grey Areas	Key Note: Dr. Rohini Ganjoo (USA)	
Current Trends in Physiotherapy	Dr. Ketan Bhatikar	
Tech-based assessment in Musculoskeletal Physiotherapy: In Tune with Tomorrow	Dr. Twinkle Dabholkar	
Rehab Al	Dr. Ashok Shyam	
Deep Learning Tools & AI In Physiotherapy	Dr Yashwant Ingle	
Al-based Deep Learning Model for Posture Assessment: Prediction & Classification	Ms. Shruti Thakur & Dr Yashwant Ingle	
Al meets Health Science Research: A New Era for Health Literacy	Dr. Prashant M	

#### DAY 2: 17th NOVEMBER

#### AUDITORIUM

Time	Topic	
10:30 - 10:45	From Cables to Clouds: Transforming Physiotherapy with IoT Magic	Dr.
10:50 - 11:00	Tech in Sports : The game - Changers	Dr.
11:05 - 11:20	AI-Powered Wearables: A new Frontier in Physiotherapy & Rehabilitation	Key Go
11:25 - 11:35	Generative AI Tools in Physiotherapy training Program	Dr.
11:40 - 11:55	VR in Upper Limb Rehabilitation After Stroke	Dr
12:00 - 12:15	Tech-Driven Rehab: Unleashing the Power of Digital Technology and Robotics	Key Bat
12:20-01:15	VALEDICTORY FUNCTION	

#### Faculty

r. Shaswat Verma

r. Shwetha Rao Warke

ey Note: Dr. Polat oktas, Ireland

r. Sajeevan Tharayil

r John Solomon

ey Note: Dr. Vijay athina