

PCC-1	Precision in Pixels: A – Z Dental Photography
PCC-2	Light Amplified: Exploring Clinical aspects of CO ₂ LASER Technology
PCC-3	Precision sealed: The Art of Rubber Dam Isolation
PCC-4	BaTR- Better Brackets for Variable Torque and Rotation
PCC-5	Smart Implantology: Digital Planning to Guided Implant Surgery – A Hands – On Workshop
PCC-6	Digital to Physical: Basics of 3D Designing and Printing Using Free Software. Beginner-Level Demo + Hands-On Workshop
PCC-7	Little Smiles, Big Precision: Laser in Paediatric Dentistry
PCC-8	Seeing the Unseen: CBCT Workshop
PCC-9	Role of Artificial Intelligence in High-End MRI & Multislice CT: AI- Based Tools in Clinical Practice
PCC-10	Practical applications of artificial Intelligence Influencing reports of colposcopy and pap smear
PCC-11	Emerging Technology & Laboratory Medicine – Digital Pathology Solution
PCC-12	Emerging Smart Techniques on autonomic Function Tests
PCC-13	Smart Laser Technologies in Pigmentation & Scar Management
PCC-14	Smart Technology in Surgery
PCC-15	Continuous Glucose Monitoring & Newer Insulin Therapy in Management of DM
PCC-16	Anatonext: AI in Anatomy
PCC-17	Task Specific Training in Stroke Rehabilitation
PCC-18	Dizziness to Stability : A Hands –on Workshop in Vestibular Therapy
PCC-19	Nadi Tarangini and Agnikarma
PCC-20	1.Interdisciplinary Collaborative Research in Homoeopathy 2. Evidence based holistic integrated care approaches in Homoeopathy 3. Dr. Hahnemann’s DIGITAL Organon of Medicine
PCC-21	Adaptive Artificial Intelligence Platform for Intelligent and Sustainable Innovation
PCC-22	Smart Antimicrobials: AI-Designed Kill Switches to Outpace Resistance - Patient-Centric Care Models, Services and Community Health Innovation
PCC-23	WORKSHOP ON BASIC LIFE SUPPORT
PCC-24	1. Anatomy Beyond Reality: Exploring the Human Body Through Augmented Reality 2. Smart Resuscitation: Enabled CPR Training with Real-Time Digital Feedback

MARCH

13

2026

9:00 am to 12:00 pm

International Conference On SMART TECHNOLOGIES FOR MEDICAL & HEALTH SCIENCES



NPDCH, SPU,
Visnagar,
Gujarat, India



Dr. Shaban Khan

- MDS Periodontology and Implantology
- Special interests in photography

Precision in Pixels: A – Z Dental Photography

- * Strong foundation in the fundamental principles of photography
- * Develop technical proficiency
- * Understanding of visual storytelling

PCC1

- MDS Periodontology and Implantology
- Diploma In Laser Dentistry(Vienna)

Dr. Bhagyashree Jabade

Light Amplified: Exploring Clinical aspects of CO2 LASER Technology

PCC2

- * Tissue interactions
- * Clinical indications and advantages
- * Safety measures and operator protocols
- * Knowledge of appropriate laser settings and techniques



Dr. Hardik Rana
Dr. Hemal Patel

- M.D.S. Conservative Dentistry & Endodontics
- Strong interest in rubber dam isolation

Precision sealed: The Art of Rubber Dam Isolation

- * Isolation of the operative field
- * Retraction and elimination of soft tissues and oral fluid
- * Quality and prognosis of dental treatment

PCC3

- MDS, PhD,
- Diplomate - Indian Board of Orthodontics

Dr. Alka Banker

BaTR- Better Brackets for Variable Torque and Rotation

PCC4

- * Biomechanical principles and clinical rationale
- * Torque, rotation, and lingual movements
- * Hands-on experience in bonding BaTR brackets
- * Case planning and execution



MARCH

13

2026

9:00 am to 12:00 pm

International Conference On SMART TECHNOLOGIES FOR MEDICAL & HEALTH SCIENCES



NPDCH, SPU,
Visnagar,
Gujarat, India

MDS, PG Diploma in Comprehensive
Oral Implantology and Prosthetics
MDS

Dr Anuroop Rai
Dr.Gaurav Bharadwaj



Smart Implantology: Digital Planning to Guided Implant Surgery – A Hands – On Workshop

PCC5

- * Digital diagnostic tools
- * Workflow of guided implant surgery
- * Clinical decision-making
- * Minimally invasive implant surgical techniques

Dr Gajanan Shanbhag

MDS
Director of "BRACES AND SMILES LLP"



Digital to Physical: Basics of 3D Designing and Printing Using Free Software

PCC6

- * Basics of 3D designing and digital modeling
- * 3D design software
- * Conversion of digital designs into printable files
- * Slicing software and printer settings

India's first Laserpreneur
- NovoLASE and LaserVEDA

Dr. Chandrashekar Yavagal



Little Smiles, Big Precision : Lasers in Pediatric Dentistry

PCC7

- * Fundamentals of laser physics, types of dental lasers, and safety protocols.
- * Interaction with dental hard and soft tissues.
- * Benefits of laser use in children

Dr. Neeldipsinh Jadeja

MDS Oral Medicine and Radiology



Seeing the Unseen: CBCT Workshop

PCC8

- * Fundamentals and clinical relevance
- * Hidden anatomical structures and pathologies
- * Interpretation using axial, coronal, and sagittal views.
- * Indications and limitations

Register with QR code



Limited seats

FOR QUERIES, CONTACT

Dr. Sareen Duseja
HOD Prosthodontics
M.No.: 9979961730

Dr. Neha Liya
Reader Prosthodontics
M.No.: 98843 39823

Department of Radiodiagnosis Workshop

ROLE OF ARTIFICIAL INTELLIGENCE IN High-End MRI & Multislice CT: AI-Based Tools in Clinical Practice

Workshop Coordinator



Dr Rajendra N. Solanki

Professor & Head
Department of Radiodiagnosis
Nootan Medical College &
Research Centre, Visnagar

Workshop Coordinator



Dr. Gurudatt Thakkar

Professor
Department of Radiodiagnosis
Nootan Medical College &
Research Centre, Visnagar

Workshop Coordinator



Dr Sahil R Patel

Assistant Professor
Department of Radiodiagnosis
Nootan Medical College &
Research Centre, Visnagar



Date: 13/3/2026 - Time: 09:30 AM to 01:30 PM

Organised by

Department of Radiodiagnosis
Nootan Medical College & Research Centre,
Sankalchand Patel University, Visnagar

Venue:

Hall no. 2, Third Floor, Old Building,
Nootan Medical College & Research Centre,
Visnagar

Agenda

TIME	TOPIC	PRESENTER
60 min	AI in Radiology - Perspective from Developers	
45 min	AI & Automation in MR - from scan to image post-processing <ul style="list-style-type: none"> • myExamAssist & Autopilot • SmartExam strategies • DL AI Algorithms for Faster Scanning • AI Based Brain & Prostate Volumetry – Use Cases 	Basil Philip
45 min	AI & Automation in CT - from scan to image post-processing <ul style="list-style-type: none"> • myExamCompanion • FAST – Fully Assisted Scanning Technologies • In Line & Rapid Results • AI Based Chest CT – Use Cases 	Boominathan C
45 min	AI & Automation in Radiology Reporting Workflow <ul style="list-style-type: none"> • AI Based Reading & Reporting 	Harshit Popat

About the Workshop

This workshop focuses on the practical and clinical role of Artificial Intelligence (AI) in Radiology, with special emphasis on high-end MRI and multislice CT scanners. The session will cover how AI-based tools enhance image acquisition, reconstruction, interpretation, reporting efficiency, and diagnostic accuracy, enabling radiologists to deliver faster and more precise patient care.

<https://mbbs.spu.ac.in/>

REGISTER NOW!

Who Should Attend

- Radiologists & Clinicians
- Faculty Members
- Healthcare Professionals interested in AI
- MD / DNB / DMRD Postgraduate Students
- Radiology Technologists

Practical applications of Artificial Intelligence influencing reports of colposcopy and pap smear

Workshop Organized by:
 Department of Obstetrics and Gynecology,
 Nootan Medical College & Research Centre,
 Visnagar, INDIA

MARCH
13
 2026

9:00 am to 12:00 pm



NMCRS, SPU,
 Visnagar, Gujarat, India



Dr. Manish Sadhwani
 MCH Oncosurgeon
 Airawat cancer care,
 Ahmedabad



Dr. Madhuri Alwani
 HOD and Professor OBGY,
 NMCRC



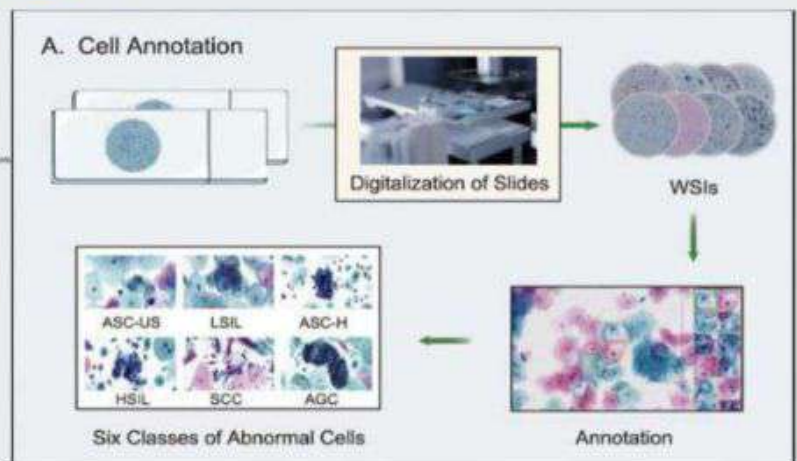
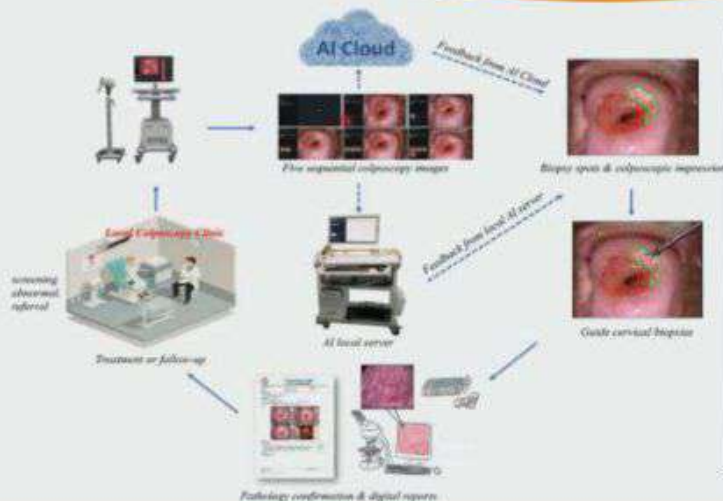
Dr. Pankaj Nimbalkar
 HOU Professor OBGY and Associate Dean,
 NMCRC



Dr. Hardik Halvadia
 Asso. Professor OBGY,
 NMCRC



Dr. Bhamini Kadikar
 Asso. Professor OBGY,
 NMCRC



Workshop on “EMERGING TECHNOLOGIES & LABORATORY MEDICINE” “DIGITAL PATHOLOGY SOLUTION”



DR. JAYMIN BHATT

Professor & Head,
Department of Pathology,
Nootan Medical College & Research Centre,
Sankalchand Patel University, Visnagar.



DR SOEB JANKHWALA

Professor and Head
Department of Microbiology
Nootan Medical College and Research Centre
Sankalchand Patel University Visnagar



DR. SANDIP SENDHAV

Professor & Head
Department of Biochemistry
Nootan Medical College & Research Centre
Sankalchand Patel University, Visnagar

Date: 13/3/2026 - Time: 9:00 AM to 2:00 PM

Organised by

Department of Pathology, Microbiology & Biochemistry
Nootan Medical College & Research Centre,
Sankalchand Patel University, Visnagar

Venue:

First floor, B-wing, Central Laboratory,
Nootan General Hospital,
Nootan Medical College & Research Centre, Visnagar,

About the Workshop

This interdisciplinary workshop aims to provide an overview of recent advances and emerging technologies transforming laboratory medicine. The program will focus on their principles, applications, and impact on diagnostic accuracy, efficiency, and patient-centered care.

Key Topics

- Automation and Robotics in Clinical Laboratories
- Artificial Intelligence and Machine Learning in Diagnostics
- Molecular Diagnostics
- Point-of-Care Testing (POCT)
- Digital Pathology and Telepathology
- Proteomics, Metabolomics, and Advanced Biomarkers
- Laboratory Informatics and Quality Assurance

Target Audience

- Undergraduate and Postgraduate Students
- Residents and Research Scholars
- Faculty Members
- Laboratory Professionals and Technologists

<https://mbbs.spu.ac.in/>

REGISTER NOW!

Learning Outcomes

Participants will be able to:

- Understand the principles of emerging technologies in laboratory medicine
- Appreciate their clinical applications and limitations
- Correlate technological advances with improved diagnostic outcomes
- Recognize future trends in pathology, microbiology, and biochemistry laboratories

Registration Details

Registration is open to all interested participants.

For Further Information

Department of Pathology, Microbiology & Biochemistry
Nootan Medical College & Research Centre, Visnagar,
Sankalchand Patel University

Workshop on “EMERGING SMART TECHNIQUES ON AUTONOMIC FUNCTION TESTS”

Speaker



Dr. Shival Srivastav

MD DNB MNAMS
Associate Professor in Physiology
AIIMS Jodhpur

Organising Chairperson



Dr. Alkesh Vara,
MD (Physiology)

Professor & Head
Department of Physiology
Nootan Medical College and
Research Centre, Visnagar

Organising Secretary



Dr. E. Gnanadesigan

MSc., PhD (Medicine-Physiology)
Associate Professor
Department of Physiology
Nootan Medical College and
Research Centre, Visnagar

Co-Organising Secretary



Dr. Abdul Khadar

MSc., Ph.D (Medical Physiology)
Associate Professor
Department of Physiology
Nootan Medical College and
Research Centre, Visnagar

Date: 13/3/2026 - Time: 09:00 AM to 01:00 PM

Organised by

Department of Physiology
Nootan Medical College & Research Centre,
Sankalchand Patel University, Visnagar

Venue:

Lecture Hall - 04, 1st Floor, New Building,
Nootan Medical College & Research Centre,
Visnagar,

About the Workshop

This workshop aims to provide knowledge and practical skills in applying smart, non-invasive techniques for autonomic function testing. Participants will gain insights into modern diagnostic approaches, digital tools and analytical methods that improve accuracy, efficiency and clinical relevance of autonomic function assessment

Key areas

- Introduction to the autonomic nervous system and its importance in medical education and research
- Significance and clinical relevance of Autonomic function tests
- The Ewing battery of Heart Rate Variability (HRV) assessment

Target Audience

- Undergraduate and postgraduate students, particularly in the Physiology and General Medicine departments
- Faculties of Medical, Dental, Paramedical and Allied Health Sciences
- Residents and Research Scholars interested in Autonomic function tests

<https://mbbs.spu.ac.in/>

REGISTER NOW!

Demonstration by Mr. Prasad, AD Instruments,
New Delhi

Organising committee members:

Dr. Asif Halari, MBBS, Tutor, Department of Physiology,
Nootan Medical College and Research Centre, Visnagar.
Dr. Riddhi Chaudhari, MBBS, Tutor, Department of Physiology,
Nootan Medical College and Research Centre, Visnagar.

Registration Details

Registration is open to all interested participants.

For Further Information

Department of Physiology
Nootan Medical College & Research Centre, Visnagar,
Sankalchand Patel University

TITLE : SMART LASER TECHNOLOGIES IN PIGMENTATION & SCAR MANAGEMENT

Lead Faculty &
Workshop In-Charge



Dr. Dimpal Patel

Associate Professor
Expert in Dermatology, Aesthetic &
Laser Procedures

Expert Faculty



Dr. Rupa Shah

Senior Practicing dermatologist
Medical director at Silk Skin Laser
Cosmetology Centre, Panjrapole X Roads
Ambawadi, Ahmedabad



Date: 13/3/2026 - Time: 9:00 AM to 12:00 PM

Organised by

Department of Dermatology, Venereology & Leprosy
Nootan Medical College & Research Centre,
Sankalchand Patel University, Visnagar

Venue:

Lecture Hall 3, 1st Floor, New Building
Nootan Medical College & Research Centre,
Visnagar,

About the Workshop

This workshop focuses on the practical application of smart laser technologies in the management of pigmentation disorders and scars. Through expert-led sessions, live demonstrations, and case-based discussions, participants will gain confidence in delivering effective, safe, and evidence-based laser treatments in daily dermatology practice.

Key learning objectives

- Evolution of smart laser technologies
- Laser–tissue interaction & safety in Indian skin types
- Advanced lasers for pigmentation (melasma, PIH, LPP, freckles, tattoo)
- Smart laser approaches for acne, surgical & traumatic scars
- Patient selection, treatment planning & complication management
- Live demonstrations & hands-on training for CO₂ laser (pinhole ablation/ fractional mode), q switch nd-yag laser, nanoRF, pico lasers and IPL

Event Coordinators

Dr. Dixit Chaudhary (AP) | Dr. Prema Patel (SR)
Dr. Dhruvi Jansari (JR)

<https://mbbs.spu.ac.in/>

REGISTER NOW!

Lead Faculty



International Conference On SMART TECHNOLOGIES FOR MEDICAL & HEALTH SCIENCES

Theme : Smart Technology in Surgery

PROF. DR. RAJESH C. SHAH

D.Sc, M.S. (Gen. Surgery), D.G.O., LL.B (Spl), Dip. Management F.M.A.S., F.I.A.G.E.S., F.C.L.S., F.A.M.S., F.I.C.S. (USA), F.I.C.R.S.

Professor & Head, Department of General Surgery Nootan medical College & Research Centre, Sankalchand Patel University, Visnagar.

Date: 13/3/2026 | Time: 9:00 AM to 2:00 PM

Venue: 5th floor, A wing, Department of General Surgery, Nootan General Hospital, Visnagar.

Organised by :

Department of General Surgery, Nootan Medical College & Research Centre,
Sankalchand Patel University, Visnagar

08:30 AM to 09:15 AM – Registration and Breakfast,

09:15 AM – 09:30 AM - Inauguration and Welcome

Speaker Name	Topic	Chairperson	Time
DR. SHARIQUE NAZIR (USA) 	"Transforming Trauma Surgery Through Laparoscopy, Robotics, and Artificial Intelligence"	DR JAGDISH CHAVDA DR MEET TRIVEDI	09:30 AM – 09:50 AM
DR. JAVED IQBAL (VARANASI,UP) 	"Complications of Endourology and how to tackle it"	DR VINEET AJITSARIA DR KAUSHIK CHAUDHARI	09:50 AM – 10:10 AM
DR. BHAVNEET BHALLA(DELHI) 	"Endoluminal Robotics : Current Evidence and Future Directions"	DR JAYANT UPERIA DR ISHAN PATEL	10:10 AM – 10:30 AM

Hands on Live workshop on Laser in Surgery – 2 pm to 4 pm

Program Co-ordinators :

Dr. Zeel Bhanderi
8980214777

Dr. Jigar Dave
9664880851

Dr. Saloni Chaudhari
8320134395

<p>DR. VIPUL YAGNIK(PALANPUR)</p> 	<p>"AI in Surgery"</p>	<p>DR NILESH SUTHAR DR VIANK PATEL</p>	<p>10:30 AM – 10:50 AM</p>
<p>DR. RAJAN BHAGORA (ARAVALLI)</p> 	<p>"Medicolegal Aspect Of AI in Surgery"</p>	<p>DR RAJESH SHAH DR VIKRANT PATEL DR PIYUSH PATEL</p>	<p>10:50 AM – 11:10 AM</p>
<p>DR. KAUSHAL ANAND (AHMEDABAD)</p> 	<p>"Robotic Surgery in G.I Surgery – My Experience"</p>	<p>DR HARSHAD PARMAR DR SHUBHAM PATEL DR BHARAT PATEL</p>	<p>11:10 AM – 11:30 AM</p>
<p>DR. RAJESH SHUKLA (KALOL)</p> 	<p>"Laser Coloproctology"</p>	<p>DR MANISH SADHWANI DR PANKAJ PATEL DR JEEL PATEL</p>	<p>11:30 AM – 11:50 AM</p>
<p>DR. RAJESH HYDRABADI (AHMEDABAD)</p> 	<p>"Laser Vascular Surgery"</p>	<p>DR NAYAN PANCHOLI DR YASH PATEL</p>	<p>11:50 AM – 12:10 AM</p>
<p>DR. CHAITI GANDHI (ANSH HOSPITAL)</p> 	<p>"Magic of Endoscopy"</p>	<p>DR LATIF BAGWAN DR NISARG JANI</p>	<p>12:10 AM- 12:30 AM</p>
<p>VOTE OF THANKS</p>		<p>DR SANDIP JOSHI</p>	<p>12:30 ONWARDS</p>

International Conference On SMART TECHNOLOGIES FOR MEDICAL & HEALTH SCIENCES

Pre-Conference workshop on Continuous Glucose Monitoring & Newer Insulin Therapy in Management of DM



Nootan Medical College & Research Centre,
Sankalchand Patel University, Visnagar, Gujarat, India

Workshop Coordinator



Dr Urvesh Mistry
Professor & Head
Medicine Department
Nootan Medical College &
Research Centre, Visnagar

Workshop Coordinator



Dr Chirayu Vaidhya
Professor
Medicine Department
Nootan Medical College &
Research Centre, Visnagar

Workshop Coordinator



Dr Ketan Jansari
Associate Professor
Medicine Department
Nootan Medical College &
Research Centre, Visnagar

ABOUT THE WORKSHOP

Diabetes mellitus is a growing global health problem, with optimal glycemic control remaining a major challenge due to glycemic variability and risk of hypoglycemia. Conventional self-monitoring of blood glucose provides limited information and may fail to capture daily glucose fluctuations.

Continuous glucose monitoring (CGM) offers real-time glucose data, trend analysis, and alerts for hypo- and hyperglycemia, enabling better assessment of glycemic patterns and timely therapeutic adjustments. Alongside this, newer insulin therapies—including ultra-rapid-acting and long-acting insulin analogues—provide improved pharmacokinetic profiles, reduced hypoglycemia, and greater dosing flexibility.

The integration of CGM with newer insulin therapies represents an important advancement in diabetes management, allowing personalized treatment, improved glycemic outcomes, and enhanced patient quality of life.

ABOUT THE NMCRC

Nootan Medical College & Research Centre at Sankalchand Patel University operates a 800-bedded hospital serving rural communities on a no-profit basis. The well-equipped facility features comprehensive OPD, IPD, Operation Theatre, and ICU services, with specialized Medical treatments including Diabetes Management and its complication, Hypertension, Stroke failure and Myocardial ischemia. Managed through advanced Hospital Management Software, the institution delivers quality healthcare by highly qualified professionals, while SPU maintains commitment to excellence through teaching, research, consultancy, and community outreach services.

WORKSHOP HIGHLIGHTS

- Types of Diabetes Mellitus
- Types of Insulin Therapies
- Overview of continuous Glucose Monitoring (CGM)
- Hand-on demonstration of CGM sensor insertion calibration and data download
- Common Challenges trouble shooting CGM data and patient counseling strategies
- Certification: Certificate of Participation awarded to all attendees of pre-conference organized in aligned with international conference.

WHO SHOULD ATTEND

- This workshop is meticulously designed for:
- Undergraduate and Postgraduate Medical Students.
- Medical Professionals interested in Integrative Medicine and Diabetes Mellitus Management.
- Researchers focusing on Traditional Medicine modernization.
- Academicians/ PhD Scholars and Intern Doctors for skill development.

WORKSHOP SCHEDULE

09:00 AM - 09:30 AM	Registration, Welcome Note & Introduction
09:30 AM - 10:00 AM	Inauguration
10:00 AM - 10:15 AM	Session - Dr. Rajavi Patel on types of diabetes mellitus and its Complication
10:15 AM - 10:30 AM	Session - Dr. Bhaven Bhimani on types of Insulin Therapies
10:30 AM - 11:00 AM	Session - Dr. Urvesh Mistry on overview and implication of CGM
11:00 AM - 11:30 AM	Session - Dr. Chirayu Vaidya on integrating CGM and newer insulin therapies
11:30 AM - 12:00 PM	Practical and Brain Storming Session
Lunch Break (12:30 PM - 1:30 PM)	

Registration Details

Website: <https://icstmhs.spu.ac.in/>

Email: icstmhs@spu.ac.in

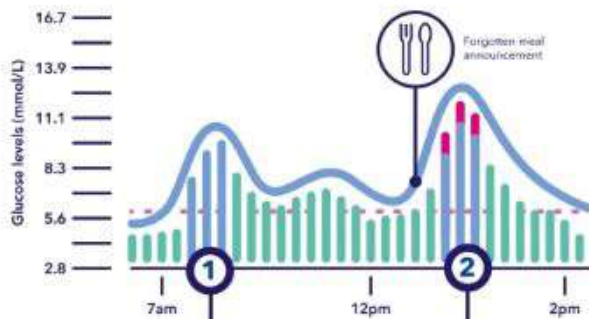
Pre-conference coordinator Contact Numbers: +

Dr. Rajavi Patel - 9773488485

Dr. Bhaven Bhimani - 9106893803



SmartGuard™ Technology
Automation
the brains



Autocorrections
Can be delivered as frequently as 12 times per hour!

Meal Detection Technology
If rising glucose patterns suggest a meal, the system can automatically administer stronger correction doses to stabilise glucose levels back within range.

So I don't have to worry!

I can finally enjoy my food

Please refer to MiniMed™ 780G system IPU. These features do not replace the need to bolus before meals.

Adjusts, predicts & corrects

Unique to MiniMed™ 780G



Auto Basal
Real time micro basal adjustment, increases and decreases insulin every 5 minutes based on your sensor glucose.

I don't have to stress about hypos!

Your choice of 3 System Targets
• 5.5 mmol/L
• 6.1 mmol/L
• 6.7 mmol/L



Hear from our Chief Engineer



Organized by:
Nootan Medical College & Research Centre
Sankalchand Patel University, Visnagar, Gujarat, India

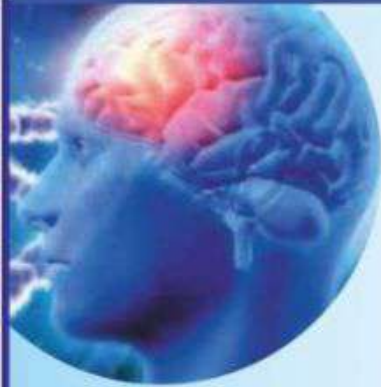
International Conference On SMART TECHNOLOGIES FOR MEDICAL & HEALTH SCIENCES

MARCH
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Pre-conference Hands-on Workshop on TASK SPECIFIC TRAINING IN STROKE REHABILITATION



Auditorium, Nootan College of Physiotherapy, SPU, Visnagar, Gujarat, India



Resource Person



DR. GAJANAN BHALERAO (PT)

Master of Neuro Physiotherapy, PhD Scholar MUHS Nashik,
Principal Jayantrao Tilak college of physiotherapy, Pune
Founder & Director of GB School of Neuro Rehab and Aquatic therapy, Pune India.

RESOURCE PERSON DETAILS

- NDT Adult: Basic and advance NDT (NDTA USA),
- PNF level I-IV (IPNFA),
- MRP (Evidence based upper and lower limb retraining in stroke rehab) Australia
- NDS UL & LL quarter
- DNS level-1
- Aquatic therapist water specific therapy (WST), BRRM, Clinical Ai Chi, Aqua T relax, aqua aerobics (Switzerland)
- Bio exercises trainer and Aquatic fitness trainer (AFT) accredited by Aquatic exercise association (AEA).
- Academic experience of 19 years.
- Teaching Undergraduate and Postgraduate Students about Neuro Rehabilitation.
- Guided 50 + PG students and 100 of interns for their thesis.
- Conducted more than 60 workshop on NDT, PNF, MRP, SCI rehab, Aquatic therapy, neuro rehab MRP, Aquatic & Entrepreneurship physiotherapy.

Key Points

- Demonstration and practice on patients
- 90% Practical Training and 10% Theory

Who can attend

- Under Graduate Students
- Post Graduate
- Interns
- Clinical Therapist

**Early Bird
Registration
Started**



SCAN QR CODE
TO REGISTER



Dr. Jayesh Thakrar
+ +91 98982 33164



Pathik Gheewala
+91 95861 61768



SCAN QR CODE
FOR MORE INFORMATION

International Conference On SMART TECHNOLOGIES FOR MEDICAL & HEALTH SCIENCES



Pre-conference Workshop on Dizziness to Stability: A Hands-On Workshop in Vestibular Therapy



Exercise Therapy Lab, Nootan College of Physiotherapy, SPU, Visnagar, Gujarat, India

Resource Person



Dr. Pallavi Prakash (PT)

Associate Professor, Program Coordinator
Dept. of Physiotherapy,
School of Allied Health Sciences
Noida International University

Resource Person



Dr. Amisha Rani (PT)

Neuro Physiotherapist
Dept. of Physiotherapy,
School of Allied Health Sciences
Noida International University

Outcome of the Workshop

- Participants will be able to:
- Perform basic vestibular assessments
- Identify BPPV variants and execute repositioning maneuvers
- Design simple vestibular rehab protocols
- Understand clinical red flags and referral guidelines

Salient features:

- Basics of Vestibular System & amp;
- Clinical Red Flags,
- Clinical Assessment of Vestibular Disorders,
- Hands-On: BPPV Assessment,
- Hands-On: Canalith Repositioning Maneuvers,
- Hands-On Practice: Designing Patient-Specific Protocols

Key Points

- Demonstration and practice on patients
- 90% Practical Training and 10% Theory

Who can attend

- Under Graduate Students
- Post Graduate
- Interns
- Clinical Therapist

**Early Bird
Registration
Started**



SCAN QR CODE
TO REGISTER



Dr. Jayesh Thakrar
+ +91 98982 33164



Pathik Gheewala
+91 95861 61768



SCAN QR CODE
FOR MORE INFORMATION

International Conference On

SMART TECHNOLOGIES FOR MEDICAL & HEALTH SCIENCES

MARCH
13
2026

Pre-Conference workshop on NADI TARANGINI AND AGNIKARMA



Nootan Ayurvedic College & Research Centre,
Sankalchand Patel University, Visnagar, Gujarat, India

ABOUT THE WORKSHOP

This specialized pre-conference workshop bridges the gap between ancient wisdom and modern technology. It focuses on two pivotal aspects of Ayurvedic practice: **Nadi Tarangini**, a breakthrough technology in pulse diagnosis, and **Agnikarma**, an effective para-surgical thermal cauterization therapy.

Participants will explore how AI-enabled Nadi Tarangini digitizes Nadi Pariksha, providing objective, data-driven assessment of Tridosha (Vata, Pitta, Kapha) for precision diagnosis and personalized care. Simultaneously, the session on Agnikarma with smart tools will delve into the therapeutic application of heat for pain management, demonstrating its relevance in contemporary clinical settings.

ABOUT THE NACRC

Nootan Ayurvedic College & Research Centre at Sankalchand Patel University operates a 100-bed hospital serving rural communities on a no-profit basis. The well-equipped facility features comprehensive OPD, IPD, Operation Theatre, and ICU services, with specialized Ayurvedic treatments including Leech therapy, Ksharsootra, Agnikarma, and Panchakarma. Managed through advanced Hospital Management Software, the institution delivers quality healthcare by highly qualified professionals, while SPU maintains commitment to excellence through teaching, research, consultancy, and community outreach services.

WORKSHOP HIGHLIGHTS

- **Hands-on Training:** Practical exposure to diagnostic and therapeutic procedures.
- **Nadi Tarangini Technology:** Live demonstration of digital pulse analysis and report interpretation.
- **Agnikarma Techniques:** Step-by-step guidance on thermal cauterization (Shalaka) application.
- **Expert Guidance:** Interactive sessions with experienced Ayurvedic practitioners and technologists.
- **Certification:** Certificate of Participation awarded to all attendees of pre-conference organized in aligned with international conference.

WHO SHOULD ATTEND

- This workshop is meticulously designed for:
- Ayurveda Practitioners (BAMS/MD) seeking to upgrade their diagnostic skills.
- Undergraduate and Postgraduate Ayurveda Students.
- Medical Professionals interested in Integrative Medicine and Pain Management.
- Researchers focusing on Traditional Medicine modernization.
- Healthcare Technology enthusiasts exploring IoMT (Internet of Medical Things)
- Academicians/ PhD Scholars.

WORKSHOP SCHEDULE

Morning Session: Nadi Tarangini (9:00 AM - 1:00 PM)	
09:00 AM - 09:30 AM	Registration, Welcome Note & Introduction
09:30 AM - 10:00 AM	Inauguration
10:00 AM - 11:00 AM	Expert Session - Dr. R. Govind Reddy, AD (Ayu), Incharge, Central Ayurveda Research Institute, Mumbai
11:00 AM - 12:30 AM	Hands-on Demonstration: - Nadi Tarangini <ul style="list-style-type: none">• Principles of Nadi Pariksha & Introduction to Nadi Tarangini• Pulse capturing, Report Generation, and Interpretation
Lunch Break (12:30 PM - 1:30 PM)	
1:30 PM - 04:30 PM	Agnikarma - Dr Amol Bansode, MD (Ayu.) <ul style="list-style-type: none">• Principles & Practice: Fundamentals of Agnikarma Therapy and Indications• Live Demonstration & Training: Instrument handling and practical application techniques
02:00 PM - 04:00 PM	Parallel session of Paper/Poster Presentation

Registration Details

Registration is Mandatory. Limited Seats Available. To register, please visit the official conference website or contact the coordinators.

Website: <https://icstmhs.spu.ac.in/>

Email: icstmhs@spu.ac.in

Pre-conference coordinator Contact Numbers: +

Dr. Namdev Vanganekar - 9730313058 ✉ nsvrs.nacrc@spu.ac.in

Dr. Avinash Wade - 9405257751 ✉ draswrmv.nacrc@spu.ac.in

Dr. Monika Prajapati - 9023444527 ✉ drmonikaprajapati.nah@spu.ac.in

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NADI TARANGINI

SPEAKER



Dr. R. Govind Reddy

M.D. (Ayu), Incharge,
Central Ayurveda Research Institute, Mumbai

SPEAKER



Dr Amol Bansode, MD (Ayu.)

M.D. [Sharir Kriya (Physiology)];
D.E.M.S (Ruby Hall);
C.S.V.D. (Skin-Pune); C.A.D. (Skin)



Organized by:
Nootan Ayurvedic College & Research Centre
Sankalchand Patel University, Visnagar, Gujarat, India



International Conference on SMART TECHNOLOGIES FOR MEDICAL & HEALTH SCIENCES

OUR ESTEEMED SPEAKERS

DR. PINAKIN TRIVEDI

Former Chairperson, National Commission for Homoeopathy, New Delhi, Former President of Board of Ethics and Registration for Homoeopathy (BERH)



Interdisciplinary collaborative research in Homoeopathy

DR. MEHUL TRIVEDI

Deputy Director (Homoeopathy) Directorate of AYUSH, Health & Family Welfare Dept. Govt. of Gujarat



Evidence based holistic integrated care approaches in Homoeopathy

DR. KRUTIK SHAH

Chief Consultant & Medical Director of Shree Sai Homoeopathic Hospital, Anand, Gujarat



Dr. Hahnemann's DIGITAL Organon of Medicine (5th Ed.)



13 MARCH 2026
09:00AM ONWARDS



NHMCH, SPU
VISNAGAR,
GUJARAT

International Conference On SMART TECHNOLOGIES FOR MEDICAL & HEALTH SCIENCES

MARCH
13
2026

Pre-Conference workshop on
**ADAPTIVE ARTIFICIAL INTELLIGENCE PLATFORM
FOR INTELLIGENT AND SUSTAINABLE INNOVATION**



Nootan Pharmacy College
Sankalchand Patel University, Visnagar, Gujarat, India



EMINENT SPEAKER



Dr Ramesh Chandra Panda

Chairman and Chief Scientist
Wegrow, Bhubaneswar, Odisha

(Highest Research Patent Holder of World -3171 Granted Patent)

ABOUT WORKSHOP

This workshop focuses on the design, development, and application of adaptive artificial intelligence (AI) platforms that enable intelligent, scalable, and sustainable innovation across diverse domains. Adaptive AI systems go beyond static models by continuously learning from data, context, and user interactions, making them ideal for addressing complex, real-world challenges aligned with sustainability and digital transformation goals.

The workshop aims to bridge theoretical foundations and practical implementations of adaptive AI, highlighting how intelligent platforms can support sustainable decision-making, resource optimization, and innovation in industry, healthcare, smart cities, education, and environmental management.

COLLEGE HIGHLIGHTS

Nootan Pharmacy College (NPC) is a premier constituent institute of Sankalchand Patel University (SPU), Visnagar, Gujarat, dedicated to excellence in pharmaceutical education, research, and professional development. The college is approved by the Pharmacy Council of India (PCI) and offers undergraduate and postgraduate programs designed to meet contemporary industry and healthcare needs.

Nootan Pharmacy College, Sankalchand Patel University, Visnagar received 5 STAR rating (out of 5) in the Pharmacy Institutions category of Gujarat state

- Recognized by International Organization (IAO) Accreditation
- Institute has published more than 250 Research Papers in well reputed National and International Journals.
- Institute has also excel in Intellectual property with 34 patents and 97 book chapters so far.
- One of the leading Institute of Gujarat having Research Projects completed (AICTE/DST/ICMR/BRNS/GUJCOST) of more than 2 crores
- Organized more then 20 National and International conferences sponsored by AICTE, GUJCOST, DBT, SERB and GSPC.

WORKSHOP SCHEDULE

Morning Session: (9:00 AM - 12:30 PM)	
09:00 AM - 09:30 AM	Registration, Welcome Note & Introduction
09:30 AM - 10:00 AM	Inauguration
10:00 AM - 11:30 AM	Expert Session – Dr Ramesh Chandra Panda Adaptive Artificial Intelligence Platform for Intelligent and Sustainable Innovation*
11:30 AM - 12:30 AM	Hands-on Demonstration: - Central Instrument Lab.
Lunch Break (12:30 PM - 1:30 PM)	
1:30 PM - 04:30 PM	Scientific Oral Presentation
04:30 PM - 5:00 PM	High Tea

Registration Details

Registration is Mandatory. Limited Seats Available.
To register, please visit the official conference website or contact the coordinators,

Website: <https://icstmhs.spu.ac.in/>

Email: icstmhs@spu.ac.in

Pre-conference coordinator Contact Numbers: +

Dr. Sejal Patel - 9726199177 ✉ sgpatel.fp@spu.ac.in

Dr. Shweta Mevada - 9558997162 ✉ sdmqa.fp@spu.ac.in

Mr. Saurabh Shukla - 9924682902 ✉ sksqa.fp@spu.ac.in

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International Conference On

SMART TECHNOLOGIES FOR MEDICAL & HEALTH SCIENCES



ORGANISED BY - NOOTAN INSTITUTE OF ALLIED AND HEALTH SCIENCES

ABOUT THE CONFERENCE

The International Conference on Smart Technologies for Medical and Health Sciences focuses on how smart technologies like IoMT, telemedicine, wearables, and AI are transforming healthcare into a more connected, predictive, and patient-centered system. It brings together researchers and professionals to promote ethical and innovative solutions for the future of healthcare.

ABOUT SPU

Sankalchand Patel University originated in 1952 with the founding of Nootan Sarva Vidyalaya Kelavani Mandal (NSVKM) by Shri Sankalchand Patel to meet the educational needs of North Gujarat. It later became Sankalchand Patel University, promoting value-based education.

Under the leadership of Shri Prakash Patel since 2014, the trust has expanded into the Nootan Education cluster with schools and colleges offering education from primary to Ph.D. level, gaining recognition for its contribution to education in India.

SPEAKERS



DR. DHARA N. PATEL
Principal
Bapubhai Desaiabhai Patel Institute of Allied and Healthcare Sciences, CHARUSAT
Smart Antimicrobials: AI-Designed Kill Switches to Outpace Resistance



DR. HEMANTKUMAR PATADI
Principal
Parul Institute of Allied and Healthcare Sciences, Parul University
Patient-Centric Care Models, Services and Community Health Innovation

WORKSHOP ON BASIC LIFE SUPPORT

Understanding the importance of early Basic Life Support (BLS) in saving lives; identifying cardiac arrest, respiratory arrest & choking quickly; performing high-quality CPR for adults, children & infants; hands-on training in using an Automated External Defibrillator (AED) Master airway management & rescue breathing techniques.



DR. JAYANT PATHARKAR
Workshop Coordinator
Associate Professor & In Charge
HOD, Dept of Pharmacology,
NMCRC, SPU



DR PRAKASH MAKWANA
Assistant Professor,
Dept of Anaesthesiology,
NMCRC, SPU



DR MRUGESH SUTHAR
Consultant - Dept of
Emergency Medicine, Parul
Sevashram Hospital

PROGRAMME SCHEDULE

8:30 AM - 9:30 AM	Registration
9:30 AM - 10:30 AM	Inauguration
10:30 AM - 12:30 PM	Workshop Sessions
12:30 PM - 2:00 PM	Lunch
2:00 PM - 3:00 PM	Poster / Oral Preparation
3:00 PM - 4:00 PM	Prize Ceremony / Conclusion
4:00 PM - 5:00 PM	High Tea

INTERNATIONAL CONFERENCE ON SMART TECHNOLOGIES FOR MEDICAL & HEALTH SCIENCES

Pre - conference training support by KD Simulation Academy for Immersive Learning

MARCH
13
2026

**Pre-conference Workshop
for Nursing students and
Student Scientific Sessions**



Auditorium, Nootan College of Nursing,
SPU, Visnagar, Gujarat, India

Resource Person



MR. BALRAMSINH DINESHBHAI KATHALIYA
Chief Simulation Educator

KD Simulation Academy for Immersive Learning

TOPIC:- Anatomy Beyond Reality: Exploring the
Human Body Through Augmented Reality

Resource Person



MS. STEFY CHRISTIAN
Senior Simulation Educator

KD Simulation Academy for Immersive Learning

TOPIC:- Smart Resuscitation: Enabled CPR
Training with
Real-Time Digital Feedback

Specialization of the resource persons

- Simulation Educators with extensive experience in simulation-based nursing education
- Experts in designing and conducting high-fidelity simulation scenarios
- Skilled in clinical skills training, OSCE, and competency-based assessment
- Experienced in faculty and student training through simulation methodologies

Early Bird
Registration
Started



SCAN QR CODE
TO REGISTER

Pre conference organizers

Prof Beula S S
+91 9600433630

Ms Ramya Nesam S
+91 9994496018

Registration Incharge

Ms. Jinal patel
+91 87803 29952



SCAN QR CODE
FOR MORE INFORMATION

NOOTAN COLLEGE OF NURSING

PRE CONFERENCE SCHEDULE

"Emerging Smart Technology for Quality Nursing Care"

Time	Activity/Session
9:00 AM - 9:30 AM	Registration
9:30 AM – 10:30 AM	Inaugural Ceremony
10:30 AM -11:30 AM	Session 1: "Anatomy Beyond Reality: Exploring the Human Body Through Augmented Reality" MR. BALRAMSINH DINESHBHAI KATHALIYA , Chief Simulation Educator , KD Simulation Academy for Immersive Learning, Ahmadabad, Gujarat.
11:30 AM - 11:45 AM	Tea Break
11:45 AM-12:45 PM	Session 2: "Smart Resuscitation: Enabled CPR Training with Real-Time Digital Feedback" MS. STEFY CHRISTIAN , Senior Simulation Educator, KD Simulation Academy for Immersive Learning, Ahmadabad, Gujarat.
12:45 PM-1:45 PM	Lunch Break
1:45 PM - 4:45 PM	Student Scientific Sessions
4:45 PM - 5:00 PM	High Tea