

40 Glorious Years
Pramukhswami Medical College
Four Decades of Excellence in MEDICAL EDUCATION

विद्या विमुक्तिदायिनी
Bhaikaka University
Instilling Purpose in Healthcare

NATIONAL UNDERGRADUATE MEDICAL CONFERENCE

SYNERGY

2026

Inquisitive Minds, Broader Avenues;
Beyond Traditional Frontiers

24th - 25th October

Organized by

PRAMUKHSWAMI MEDICAL COLLEGE

Bhaikaka University, Karamsad

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SYNERGY



It is my pleasure to welcome you to SYNERGY 2026, the 2nd National Undergraduate Medical Conference of Pramukhswami Medical College, Bhaikaka University.

The years spent in medical school are a formative period, not only for acquiring knowledge and clinical skills, but also for discovering one's interests, building confidence, and understanding the kind of professional one aspires to become. Bhaikaka University, through its various student centred initiatives and activities ensures that students develop the ability to lead, engage, and learn from their peers and their patients alike.

Our conference Synergy embodies this spirit. What began as a student-led initiative has grown into a platform that brings together students, educators, and professionals through research, clinical learning, discussion, and shared experiences. I am particularly pleased to see students take ownership of such an endeavour and create an environment where their peers can learn from one another.

I congratulate the organising team for their enthusiasm and commitment in bringing this edition together. To all our delegates, I hope SYNERGY 2026 offers you opportunities to learn something unexpected, meet people who inspire you, and carry new ideas with you long after these two days come to an end.

Dr. Gauri Trivedi
President,
Bhaikaka University

SYNERGY



Healthcare is undergoing one of the most transformative periods in its history. Advances in technology, data science and biomedical research are continuously redefining the way medicine is practised and taught. Preparing students for this evolving landscape requires universities to have a culture of adaptability, curiosity, and a lifelong commitment to learning.

It is in this spirit that I extend my best wishes to SYNERGY 2026. More than an academic gathering, it should be a platform that encourages students to step beyond conventional boundaries and engage with diverse perspectives.

Such initiatives reflect the values that Bhaikaka University seeks to uphold, namely innovation, interdisciplinary thinking, and healing by purpose.

I hereby extend my best wishes to the organizers and all participants, and I hope that the ideas shared during these two days continue to be within you all.

Dr. Abhay Dharamsi,
Provost
Bhaikaka University



SYNERGY



It is my pleasure to extend a warm welcome to all delegates, faculty members, speakers, and guests to SYNERGY 2026, the National Undergraduate Medical Conference hosted by Pramukhswami Medical College, Bhaikaka University.

We are delighted to welcome participants from various institutions to our campus for two days of academic exchange, collaboration, and shared learning. Such gatherings strengthen not only professional relationships but also the spirit of inquiry and innovation that lies at the heart of higher education.

At Bhaikaka University, we strive to create an environment where students are encouraged to look beyond conventional learning and actively engage with the community. SYNERGY 2026 embodies this vision by bringing together aspiring healthcare professionals to exchange ideas, explore new perspectives, and learn from one another.

I congratulate the Organizing Committee for their commitment in bringing this conference to fruition and wish every participant a memorable experience.

Dr. Jyoti Tiwari,
Registrar
Bhaikaka University



SYNERGY



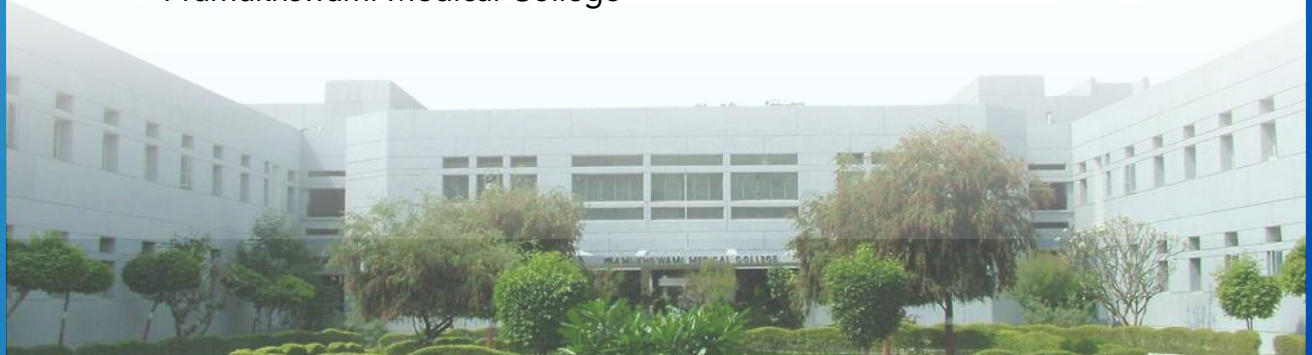
Every generation of medical students inherits a profession shaped by those before them, but it also carries the responsibility of shaping what comes next. Curiosity, integrity, compassion and the willingness to ask questions are habits cultivated during undergraduate training, and thus they remain the foundation of our medical careers.

I see that SYNERGY 2026 reflects these ideals. It is an opportunity for students to challenge themselves, exchange ideas, present their work, and build relationships that extend far beyond classrooms and perhaps even beyond the conference itself.

I am especially proud that this initiative has been envisioned and organized by our own students. This commitment shows that leadership and academic excellence always go hand in hand.

I warmly welcome all delegates to Pramukhswami Medical College and hope your time at SYNERGY 2026 leaves you inspired and ready to contribute meaningfully to the future of healthcare.

Dr. Swapnil Agarwal
The Dean,
Pramukhswami Medical College



SYNERGY



It is encouraging to see initiatives like SYNERGY 2026 that expose undergraduate students to experiences beyond routine medical training. By bringing together clinicians, academicians, and young learners, the conference will create an environment where future doctors can appreciate the responsibilities of the medical profession while strengthening their practical understanding.

As Medical Superintendent, I firmly believe that the standards of healthcare are shaped by the opportunities we provide our students with, and it is imperative that steps are taken to promote hands-on learning, scientific discussions, and professional interactions. SYNERGY 2026 is a valuable step in said direction.

I congratulate the Organizing Committee and Organizing Secretaries on their efforts and extend heartiest best wishes to all participants, chief guests and faculties.

Dr. Jitesh Desai
Medical Superintendent
Shree Krishna Hospital
Karamsad



SYNERGY



It is a pleasure to welcome all participants to SYNERGY 2026. Conferences like these give students a chance to step outside the usual classroom and clinical routine, meet peers from different institutions, and discover interests that may shape their journey in medicine. The undergraduate years are not only about preparing for examinations or learning to manage patients. They are also a time to ask questions, try new things, work with different people, and find out what kind of doctor one hopes to become.

I hope SYNERGY 2026 also gives students the chance to form new friendships, exchange ideas freely, and take away something valuable from the people they meet and the experiences they share. The connections made during student life often become an important part of one's professional journey.

I congratulate the students and faculty who have put this conference together and wish all the delegates an enjoyable, engaging, and memorable experience at SYNERGY 2026.

Dr Samir Bhavsar
Associate Dean,
Student Affairs, PSMC



SYNERGY



Following the success of its inaugural edition, Pramukhswami Medical College, Bhaikaka University, Karamsad proudly presents SYNERGY 2026, our flagship National Undergraduate Medical Conference, on 24 and 25 October 2026.

From workshops in Bioinformatics, AI in research, and medical methodology to hands-on training in POCUS, airway management, polytrauma training and much more, SYNERGY 2026 offers students opportunities to learn through active participation.

Scientific presentations, clinical case discussions, MUN Crisis Committee, symposia, ethics panels, and keynote sessions further encourage students to question, communicate, collaborate, and explore the wider possibilities of a career in medicine.

Designed "For Students, By Students" under the aegis of the PSMC Research Club, SYNERGY 2026 embraces the theme "Inquisitive Minds, Broader Avenues: Beyond Traditional Frontiers." The conference seeks to complement conventional medical education by fostering clinical competence, scientific inquiry, communication, professionalism, and collaborative learning. With 200+ attendees, 10+ expert speakers, and several hands-on workshops, the conference brings together research, clinical skills, academic competitions, and avenues for exploring medicine beyond the traditional MBBS pathway.

Dr Kallol Roy
Faculty in-charge,
SYNERGY 2026



SYNERGY





It gives us great pleasure to welcome you to SYNERGY 2026.

SYNERGY was always envisioned as a space where undergraduate students can move beyond the conventional classroom and engage with research, ideas, and one another in a meaningful academic setting.

This year, we hope to build on that vision by bringing together students from diverse backgrounds and creating opportunities to learn, question, present, and connect.

We have put together a programme that encompasses academics alongside hands-on workshops, scientific presentations, competitions, and cultural experiences. More than the individual events, however, we hope SYNERGY becomes an experience shaped by the people who participate in it.

We extend our sincere welcome to every delegate, speaker, faculty member, and collaborator joining us. We hope you leave with something that stays with you long after the conference itself, that being an idea, a conversation, a new perspective, and perhaps the beginning of a lasting association.

Welcome to SYNERGY 2026, and we look forward to having you with us during this event and beyond.

Griva Patel and **Pallav Thaker**
Organizing Secretaries
SYNERGY 2026



ABOUT SYNERGY



SYNERGY 2026 will be the 2nd chapter and renewed successor of Pramukhswami Medical College's undergraduate, student-led National level conference. It is an initiative born of The Research Club PSMC, which is run by a team of students from PSMC.

As stakeholders in the medical education system, we strongly believe in steering and shaping the medical training that we receive. We view SYNERGY 2026 as an opportunity to broaden our exposure and widen our horizons within the vast world of medicine, healthcare and the myriad of disciplines that supplement and support it.

Organised by medical students from PSMC, for the student community, SYNERGY 2026 will implement the vision of: **"Inquisitive Minds, Broader Avenues: Beyond Traditional Frontiers"**
We aim to foster and encourage a vibrant culture of scientific inquiry and academic stimulation.
SYNERGY 2026 will comprise research exposure, dynamic workshops, insightful keynote addresses, scholarly contests while also providing a platform for networking, professional growth and out-of-classroom learning.



ABOUT **PSMC**



Established in 1987, Pramukhswami Medical College (PSMC) stands as a premier constituent institute of Bhaikaka University in Karamsad, Gujarat. Recognized for its rich academic legacy, the institution is equally celebrated for promoting a highly supportive, student-friendly culture that prioritizes holistic growth.

The campus thrives on a vibrant network of student- led committees, including the Research Club, Xpression Mental Health Forum, Darpan - a Reflective Learning Forum, The Literary Committee, Dhun PSMC, Abhinaya PSMC and a lot more working alongside the core curriculum to empower future physicians with professional empathy and critical thinking skills. This ecosystem of student-led initiatives fosters a culture that encourages innovation and academic rigor.

MEDICAL EDUCATION

1987	First Non-Government Medical College [MBBS], Gujarat
1999	Started Postgraduate Program (MD/ MS]
2010	Recognized as an MCI Regional Centre for Faculty Development, to conduct and oversee Medical Education Technology Workshops across the Colleges in Gujarat & Rajasthan
2012	Designated as the First FAIMER (Foundation for Advancement of International Medical Education and Research) Education Centre, India Global Standing in Medical Pedagogy
2014	Elevated to an MCI (NMC) Nodal Centre for Faculty Development, Conducts the Advanced Course in Medical Education (ACME)
2017	1st Medical College Associated Hospital with NABH Accreditation, Ethics Committee for Clinical Trials, Gujarat
2025	1st Centre of Bioethics, International Chair in Bioethics, Portugal, India
2026	1st Poison Information Centre under NIHR, UK Simulation Centre Accreditation, Indian Resuscitation Council Federation 1st Rank - Private Medical College, Gujarat, IIRF 2nd Rank- All Medical Colleges, Gujarat, IIRF 49th Rank - All Medical College, India, IIRF

HEALTHCARE DELIVERY

NABL Accreditation for all Laboratories, 1st Medical College associated Hospital, India	**1987**
NABH Accreditation for Blood Bank, 2nd Medical College associated Hospital, Gujarat	**2010**
1st Medical College Associated Hospital with NABH Accreditation, India1st Medical College Associated Hospital with NABH Accreditation for Imaging Services, India1st Medical College Associated Hospital with NABH Accreditation for Nursing Excellence, India, 2016	**2014**
First Non-Government Medical College [MBBS], Gujarat	**2014**

PROGRAM AND STRENGTHS

UNDERGRADUATE

MBBS (150 seats) with a perfect 150:150 demand-to-intake ratio

POSTGRADUATE

107 seats across MD and MS programs in 23 medical and surgical branches

SUPER-SPECIALTY

3 DM seats in Neonatology [only centre in Gujarat]

SUPER-SPECIALTY

2 DrNB seats in Cardiac Anesthesia, 2 DNB seats in Radiation Oncology

STUDENT CENTERED INITIATIVES

DASH
Distress and Suicide Prevention Help

A DAY WITH DEAN
Inside Academic Leadership

PSBH
Problem Solving for Better Health in Community Medicine

SCOPE
Structured Collaborative Observorship Program for Education

CSTP
Clinical Skill Training Program

SLAI
Student Learning Aptitude Inventory

PATH
Professional Academic Talent Hunt

RCEP
Resident Clinical Educator Program

BLISS Centre
for Spirituality and Integral Health





PROGRAM **SCHEDULE**

DAY-1

24th OCTOBER 2026	
8:45 - 9:45 AM	Registration and Breakfast
9:45 – 10:45 AM	Inauguration
10:45 – 11:45 AM	**Dr. Vishal Gabale** - Beyond the White Coat: From Treating Patients to Influencing Millions
11:45 – 12:00 AM	Refreshments
12:00 – 1:00 PM	**Dr. Anand Shah** - The Future of Indian Healthcare: Emerging Trends and Opportunities for Medical Entrepreneurship
1:00 – 2:00 PM	Lunch
2:00 PM onwards	**1. Airways** - Airway Skills for Future Clinicians Learn essential airway management skills through practical demonstrations and hands-on training. **2. Beyond the Knot** - An Advanced Suturing Workshop Build on your suturing skills with advanced techniques and guided hands-on practice. **3. AI in Research** - Hands-On Research Skills Learn how AI tools can be used in literature search, research, data analysis, and academic work. **4. Radiology Essentials** - A Workshop on Interpretation Learn the basics of reading common radiological images through guided interpretation and clinical cases. **5. POCUS** - Fundamentals and Clinical Approach Learn the basics of point-of-care ultrasound and how to use it as part of bedside clinical assessment.
6:30 PM onwards	Gala Dinner and Cultural Night



DAY-2

25th OCTOBER 2026	
8:00 AM onwards	Registration and Breakfast
8:45 – 9:45 AM	**Dr. Nimesh Patel** - Armed Forces Medical Services (AFMS): Pathways, Specialization and Beyond
10:00 AM onwards	Case Presentations, Original Research & Poster Presentations
10:00 – 11:00 AM	Refreshments, High Tea
10:30 – 1:00 PM	Medical Quiz MUN (Model United Nations) - Crisis Committee
1:00 – 2:00 PM	Lunch
2:00 PM onwards	**1. First Stitch** - Basic Suturing Workshop Learn the basics of surgical suturing and get hands-on practice with common suturing techniques. **2. Echoes Within** - Decoding Stress, Anxiety and Depression Understand stress, anxiety, and depression through an interactive look at their causes, symptoms, and clinical impact. **3. From Images to Intervention** - Interventional Radiology Explore how imaging is used to guide minimally invasive procedures in modern clinical practice. **4. Golden Hour** - Principles of Basic Polytrauma Care Learn the basics of managing a trauma patient during the crucial first hour of care. **5. Bioinformatics** - Introduction and Applications: A Hands-On Workshop Get introduced to bioinformatics and explore its applications through practical, hands-on activities.
5:00 PM onwards	Valedictory session & Award Ceremony

REGISTRATION

Delegate registration is MANDATORY for participation in any event during the conference.

Delegate Registration includes:

Breakfast, Lunch, Delegate Kits, Access to Keynote Session, Research Presentations, Quiz or MUN, GALA night, and 1 or 2 workshop(s) of your choice (subject to availability).

Important Note on Workshop Allocation:

Seats in each workshop are limited.

- Allocation will be strictly on a first-come-first-serve basis and according to your preferences.
- Registration fees are non-refundable, irrespective of workshop allotment.

Please bring a digital or physical copy of your confirmation email for admission to the conference.

Registration Fees	Early Bird (Till 05th Oct)	Regular (05th - 20th Oct)	Spot Registrations (Based on availability)
2 day conference + both day workshops	Rs. 1200/-	Rs. 1500/-	Rs. 1750/-
2 day conference + day 1 workshop	Rs. 1000/-	Rs. 1300/-	Rs. 1550/-
2 day conference + day 2 workshop	Rs. 1000/-	Rs. 1300/-	Rs. 1550/-

In case of queries, concerns, or discrepancies during the registration process, Kindly contact the Registration Team.

Shireesh Vanara: +91 94299 66366 | **Vihaa Shah**: +91 79905 37338

REGISTRATION HERE

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2026

KEYNOTE SESSIONS





BEYOND THE WHITE COAT:

FROM TREATING PATIENTS TO INFLUENCING MILLIONS



DR. VISHAL GABALE

Consultant Physician and Diabetologist
Educator, Founder - Adrenaline MedEd, Mumbai

ABOUT

Dr. Vishal Gabale is an accomplished consultant physician, diabetologist, and medical educator based in Mumbai. Holding an MBBS, DNB in General Medicine, MRCP (UK), recognised for his contribution to healthcare and medical education, Dr. Gabale was ranked #4 nationally on the List of Prominent Doctors by ET HealthWorld. As the founder of Adrenaline MedEd, he guides both undergraduate and postgraduate medical aspirants via innovative teaching methodologies and structured academic initiatives by breaking down intricate clinical concepts and promoting evidence-based internal medicine practice.

Beyond the clinic and classroom, he has built a digital community of 1.5M+ across his platforms, including @health.by.vg, @metafix_by_drvg, and @adrenaline_meded across YouTube and Instagram, where his simplified clinical breakdowns, patient case discussions, and practical medical advice influence hundreds of thousands of budding doctors and healthcare enthusiasts nationwide. A passionate communicator and educator, Dr. Gabale is also a 5× TEDx Speaker, bringing his perspectives on medicine, education, healthcare, and the power of communication to diverse audiences.

At SYNERGY, Dr. Gabale unpacks the power of digital media in medicine, demonstrating how modern physicians can leverage content creation and education to influence beyond traditional consulting rooms.

THE FUTURE OF INDIAN HEALTHCARE:

EMERGING TRENDS & OPPORTUNITIES FOR MEDICAL ENTREPRENEURSHIP



DR. ANAND SHAH

Director, Prime Hospital, Vallabh Vidyanagar
Consultant General Surgeon, Medico-Legal Consultant & Healthcare Entrepreneur

ABOUT

Dr. Anand Shah is a triple postgraduate professional, consultant general surgeon, medico-legal advisor, and healthcare entrepreneur, with experience spanning clinical medicine, hospital administration, law, finance, and healthcare management. He currently serves as Director of Prime Hospital, Vallabh Vidyanagar, and as a medico-legal consultant.

With qualifications including MS in General Surgery, LLB, LLM in International Business and Corporate Finance, and an MBA from the University of Leeds, Dr. Shah brings a uniquely multidisciplinary perspective to healthcare.

His professional journey includes roles as a surgeon, hospital superintendent, hospital CEO, and healthcare consultant.

At SYNERGY 2026, Dr. Shah will explore the future of Indian healthcare, examining emerging trends and identifying opportunities where innovation and entrepreneurship can shape the healthcare ecosystem of tomorrow.

THE ARMED FORCES MEDICAL SERVICES:

PATHWAYS, SPECIALIZATION AND BEYOND...



Maj.(Dr.) Nimesh Patel (retd.)

Professor, ENT, Pramukhswami Medical College, Bhaikaka University, Karamsad &
Joint Secretary, PSMC Alumni Association

ABOUT

An alumnus of PSMC, he completed his MBBS in 1992 and MS in Otorhinolaryngology (ENT) in 2004. With a strong commitment to medical education and clinical practice, he began his academic career at PSMC in 2008 as an Assistant Professor in the Department of ENT. Over the years, he has progressed through the academic ranks and currently serves as a Professor in the Department of ENT, contributing to UG & PG medical education while continuing his clinical responsibilities in the specialty.

His professional journey also extends beyond academic medicine. In 2017, he was commissioned as a Short Service Officer in the Indian Navy with the rank of Lieutenant. During his service, he served as the Principal Medical Officer aboard INS Gomti, an Indian Naval Ship, and was involved in medical duties during the ship's overseas deployments, gaining valuable experience in providing healthcare in operational and maritime environments.

In 2020, he was seconded to the Indian Army, where he continued to serve in a military medical capacity. He retired from service in 2022 with the rank of Major. Bringing together clinical expertise, academic experience, and military medical service, his career reflects a distinctive commitment to medicine, medical education, leadership, and service.

Scientific Sessions

SNERGY 2026 proudly invites young scholars to showcase their academic excellence, clinical acumen, and research potential. This platform has been carefully designed to encourage critical thinking, creativity, and evidence-based practice among undergraduate medical students from across the country.

SYNERGY 2026 features three major competitions on 25th October 2026, Sunday under its Scientific Sessions, aimed at promoting both original research and clinical reasoning skills:



CASE PRESENTATIONS

"Let the young know they will never find a more interesting, more instructive book than the patient himself." - Giorgio Baglivi

The Case Presentation Competition at SYNERGY 2026 provides a platform where medical students and interns can present unique, rare, or complex patient cases that they have come across. Each presentation will cover the patient's history, diagnostic journey, and treatment plan before an experienced panel of judges and peers.
This is a chance to sharpen clinical reasoning, refine presentation skills, and deepen your understanding of evidence-based medicine, while honoring the patients who teach us. To know more, please check the guidelines.



ORIGINAL RESEARCH PRESENTATIONS

Great research begins with great questions. The Original Research Abstract Presentation at SYNERGY 2026 offers undergraduate medical students and interns a prestigious platform to present their research, exchange ideas, and contribute to the advancement of evidence-based medicine.
Participants will showcase their original work before an esteemed panel of experts, with presentations evaluated on scientific merit, innovation, methodology, analysis, and clinical relevance. Spanning diverse disciplines of medicine and healthcare, the event celebrates curiosity, critical thinking, and the pursuit of meaningful scientific discovery. Kindly go through the guidelines for more information.
Step forward, share your research, and let your work inspire the future of medicine.



POSTER PRESENTATIONS

Share your research and spark conversations. Poster Presentations at SYNERGY 2026 offer an opportunity to present innovative research projects to a diverse audience of peers and experts. Showcase your work, engage in insightful discussions, gain valuable feedback, expand your professional network, and contribute to advancing medical knowledge in an interactive and collaborative environment.

Click Here For Guidelines

SYNERGY
2026

WORKSHOPS







Point-of-Care Ultrasound (POCUS)

The Point-of-Care Ultrasound (POCUS) Workshop is a 3-hour hands-on clinical training session designed to introduce participants to the fundamentals of bedside ultrasonography. Through expert-led demonstrations and supervised practical sessions, participants will learn the principles of ultrasound imaging, probe handling, image acquisition, and focused ultrasound examinations. The workshop offers a practical learning experience that bridges clinical knowledge with real-world application, making it ideal for medical students looking to enhance their diagnostic skills.

WHAT YOU WILL LEARN

- Basics of ultrasound and machine operation.
- Probe selection, handling, and image acquisition.
- Interpretation of normal ultrasound anatomy.
- Lung, cardiac, and abdominal POCUS examinations.
- Clinical application of POCUS for bedside diagnosis.
- Safe and effective use of POCUS in practice.

WHY TO ATTEND

- Gain hands-on experience with bedside ultrasound.
- Learn from experienced emergency medicine faculty.
- Enhance diagnostic and clinical decision-making skills.
- Build confidence in performing and interpreting POCUS.
- Develop a practical skill valuable across medical specialties.

FACULTY / DEPARTMENT IN CHARGE



Dr. Abhishek Prajapati
Department of Pulmonary & Critical Care

For queries, contact
Hemiksha Dhadhal: +91 6353 004 195 | **Niharika Patel**: +91 96385 04202



Airways - Airway Skills For Future Clinicians

This hands-on workshop introduces participants to the fundamentals of airway management through expert-led demonstrations and simulation-based training. Participants will develop essential skills in airway assessment, bag-mask ventilation, airway adjunct insertion, and advanced airway management techniques. The workshop focuses on building confidence, technical proficiency, and preparedness to manage airway emergencies safely and effectively.

WHAT YOU WILL LEARN

- Systematic airway assessment and basic airway maneuvers.
- Bag-mask ventilation techniques.
- Insertion of airway adjuncts (OPA and NPA).
- Use of supraglottic airway devices (LMA/i-gel).
- Fundamentals of endotracheal intubation and airway management.
- Teamwork, communication, and patient safety during airway emergencies

WHY TO ATTEND

- Gain hands-on experience in airway management.
- Learn through simulation-based training by emergency medicine experts.
- Build confidence in managing airway emergencies.
- Enhance practical skills for routine and critical care settings.
- Develop essential teamwork and clinical decision-making abilities.

For queries, contact
Ved Patel: +91 95741 26439 | **Vishal Parmar**: +91 84900 24472

FACULTY / DEPARTMENT IN CHARGE



Dr. Ushma Parikh
Department of Anaesthesiology



Dr. Vaibhavi Hajariwala
Department of Anaesthesiology



First Stitch - Basic Suturing Workshop

The Surgery Workshop is a hands-on training session designed to introduce participants to the fundamentals of surgical tissue handling and operative techniques in a structured, supervised environment. Through expert guidance and simulation-based practice, participants will gain practical experience in instrument handling, knot-tying, suturing, wound closure, and aseptic surgical techniques. The workshop integrates theoretical concepts with real-world application to develop technical proficiency, surgical precision, and confidence essential for safe and effective clinical practice.

WHAT YOU WILL LEARN

- Principles of aseptic technique and atraumatic tissue handling.
- Safe handling of basic surgical instruments and suture materials.
- Instrument handling, needle loading, and surgical knot-tying.
- Basic suturing and wound closure techniques on simulation models.
- Selection of appropriate sutures and instruments for different scenarios.
- Safe instrument handling, sharps safety, and operating room etiquette.

WHY TO ATTEND

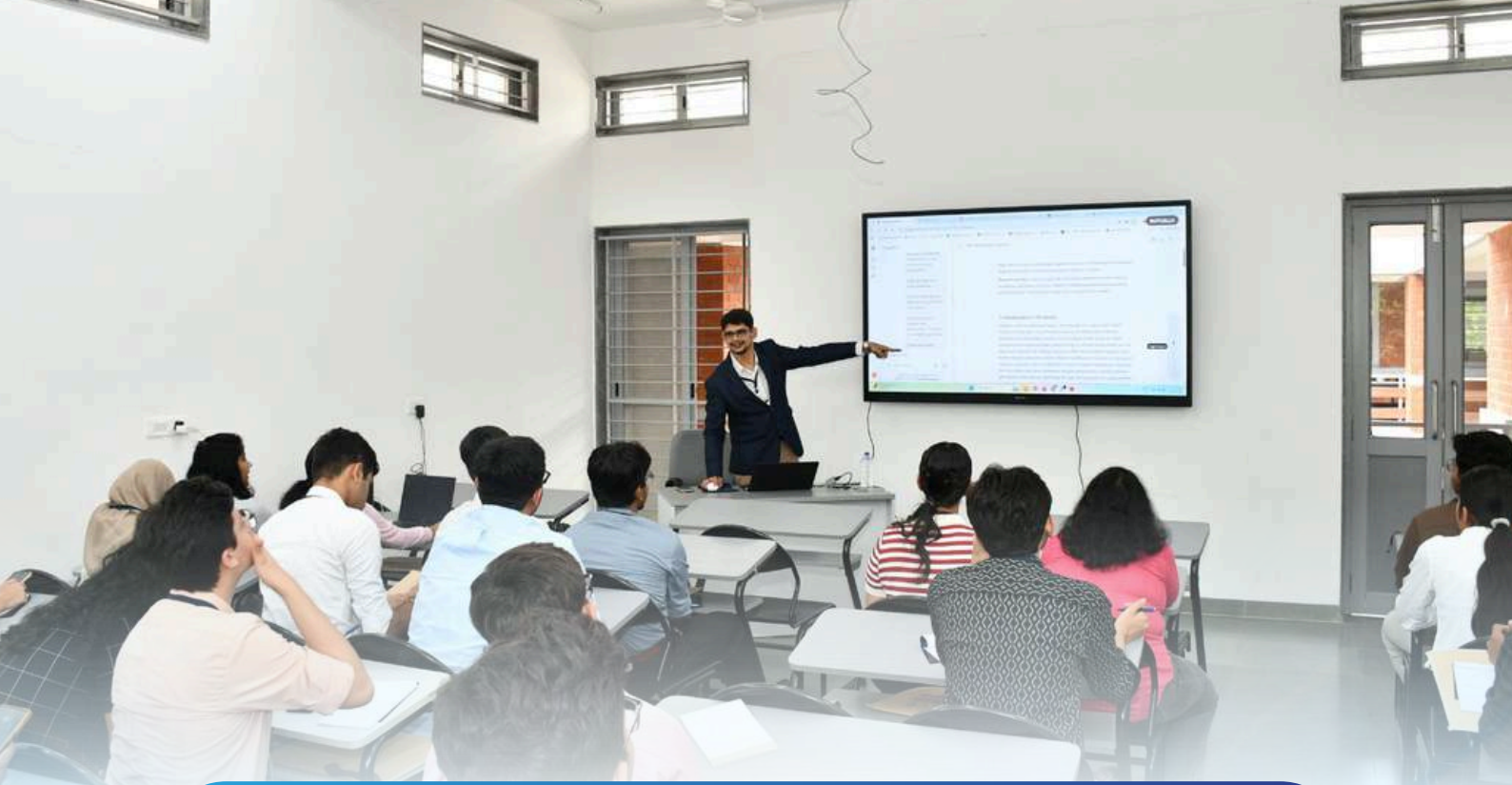
- Gain hands-on experience in essential surgical skills.
- Learn core operative techniques from experienced surgical faculty.
- Improve precision, dexterity, and confidence in suturing and tissue handling.
- Build a strong foundation for future clinical and operative practice.

FACULTY / DEPARTMENT IN CHARGE



Dr. Haryax Pathak
Department of Surgery

For queries, contact
Manthan Patel: +91 97252 66524 | **Krish Patel:** +91 81600 91193



AI in Research - Hands-On Research Skills

BASIC INFO

This 3-hour interactive workshop explores the role of Artificial Intelligence (AI) in modern medical and academic research. Through expert-led lectures and practical demonstrations, participants will learn how AI can streamline literature review, data analysis, scientific writing, and research methodology while promoting ethical and responsible use of AI in research.

WHAT YOU WILL LEARN

- Fundamentals of AI in medical and academic research.
- AI tools for literature review and research planning.
- AI-assisted data analysis and scientific writing.
- AI applications in summarization, visualization, and reference management.
- Ethical and responsible use of AI in research.

WHY TO ATTEND

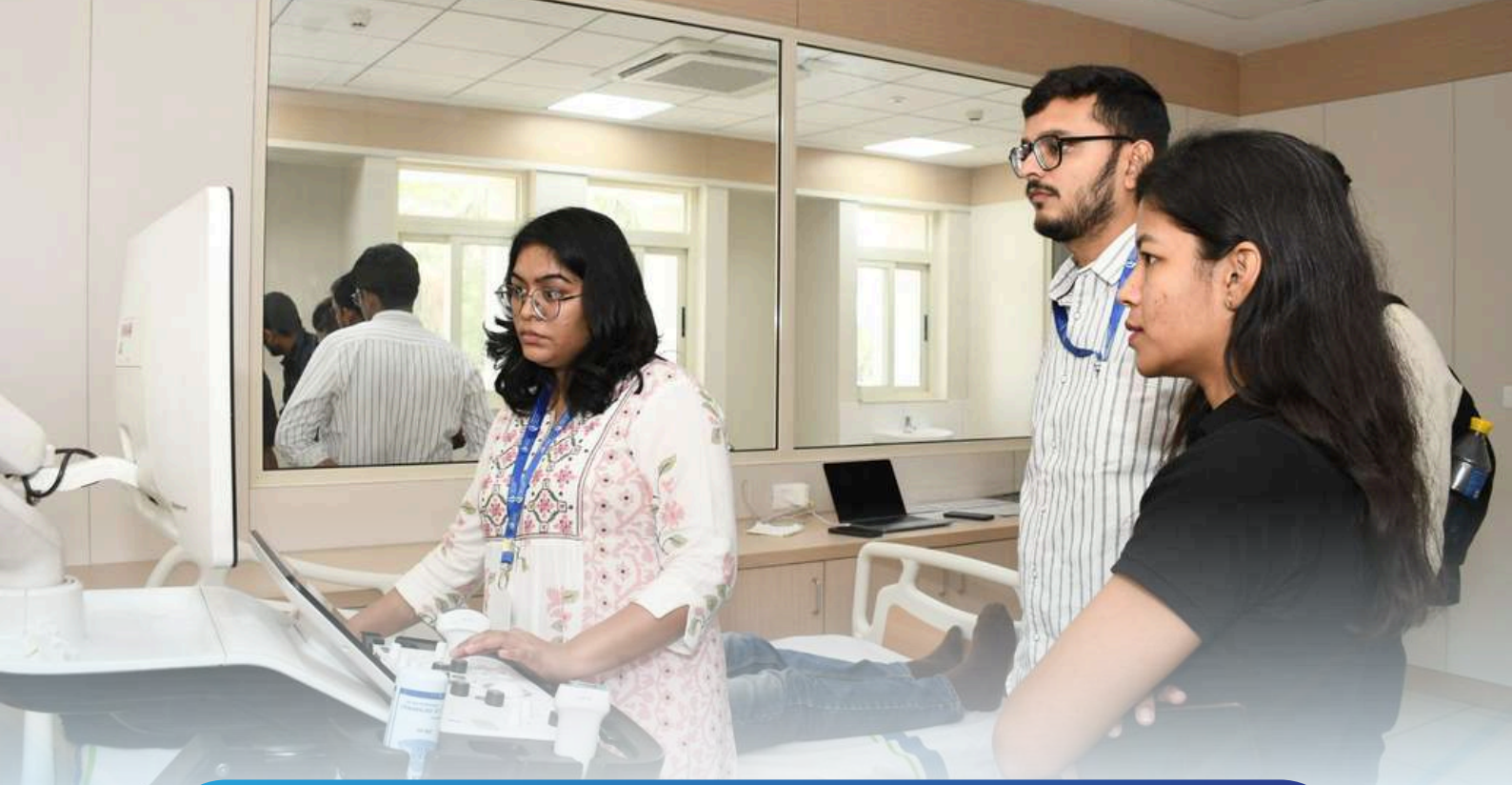
- Learn how AI can enhance research productivity.
- Discover practical AI tools for every stage of research.
- Improve the quality and efficiency of scientific writing.
- Understand the ethical use of AI in academic research.
- Gain future-ready research skills from experienced faculty.

FACULTY / DEPARTMENT IN CHARGE



Dr. Mustafa Ranapurwala
Department of Pathology

For queries, contact
Aakriti Prasad: +91 94092 52506 | **Nandini Shah:** +91 99982 21136



Radiology Essentials - A Workshop on Interpretation

BASIC INFO

This interactive workshop provides participants with a systematic approach to interpreting chest radiographs in clinical practice. Through expert-led, case-based discussions, participants will learn to identify normal anatomy, recognize common and critical radiological findings, and apply structured image interpretation to improve diagnostic accuracy and clinical decision-making.

WHAT YOU WILL LEARN

- Systematic approach to chest and abdomen X-ray interpretation.
- Identification of normal radiographic anatomy.
- Recognition of common and emergency findings on X-ray and CT scan.
- Case-based interpretation and clinical correlation.
- Improved diagnostic reasoning skills.

WHY TO ATTEND

- Strengthen your radiology interpretation skills.
- Learn a structured approach to reading chest X-rays.
- Enhance diagnostic confidence through clinical cases.
- Improve clinical decision-making in everyday practice.

For queries, contact

Stuti Dabhi: +91 87809 41497 | **Hiya Yadav:** +91 95126 69133

FACULTY / DEPARTMENT IN CHARGE



Dr. Viral Patel
Department of Radiology



From Images to Intervention - Interventional Radiology

BASIC INFO

This hands-on workshop offers a practical learning experience that bridges clinical knowledge with real-world application, making it ideal for medical students and healthcare professionals looking to build foundational image-guided procedural skills. Through expert demonstrations and supervised practical sessions, participants will develop the technical precision and clinical understanding needed to perform safe, minimally invasive interventions.

WHAT YOU WILL LEARN

- Fundamentals of image-guided procedures in modern clinical practice.
- Ultrasound-guided intervention techniques, including USG-guided biopsies.
- Catheterization techniques and other commonly performed image-guided procedures.
- Proper hand-eye coordination for precise instrument handling under imaging guidance.
- The role of interventional radiology in safe, precise, and minimally invasive patient care

WHY TO ATTEND

- Gain hands-on experience with core image-guided procedural skills.
- Learn from expert demonstrations and supervised practice sessions.
- Improve hand-eye coordination essential for procedural accuracy.
- Build a foundational understanding of interventional radiology's clinical role.
- Develop a practical skill set valuable across multiple specialties

FACULTY / DEPARTMENT IN CHARGE



Dr. Shridhar Dave
Department of Radiology

For queries, contact
Hemiksha Dhadhal: +91 63530 04195 | **Stuti Dabhi:** +91 87809 41497



Golden Hour - Principles of Basic Polytrauma Care

BASIC INFO

Polytrauma refers to the presence of multiple, life-threatening injuries involving two or more body systems, requiring rapid, coordinated, and multidisciplinary management.This hands-on workshop offers a practical learning experience that bridges clinical knowledge with real-world application, making it ideal for medical students and healthcare professionals looking to strengthen their trauma management skills. Through simulation-based training, participants will build the clinical decision-making, teamwork, and procedural skills needed to manage critically injured patients confidently and safely.

WHAT YOU WILL LEARN

- ATLS principles of polytrauma management, including the primary survey (ABCDE) and initial stabilization.
- Essential trauma skills: airway management, cervical spine immobilization, hemorrhage control, and pelvic binder application.
- Systematic primary and secondary surveys to identify life-threatening injuries.
- Interpretation of clinical findings to prioritize management decisions in simulated scenarios.
- Effective teamwork, communication, and role allocation during trauma resuscitation

FACULTY / DEPARTMENT IN CHARGE



Dr. Keyur Shah
Department of Emergency Medicine

WHY TO ATTEND

- Gain hands-on experience with core trauma stabilization skills.
- Learn from experienced Emergency Department faculty.
- Sharpen clinical decision-making under simulated, real-world pressure.
- Build confidence performing critical trauma interventions.
- Strengthen teamwork and communication essential to trauma resuscitation.
- Develop a practical skill set valuable across all clinical specialties

For queries, contact
Ved Patel: +91 95741 26439 | **Nandini Shah:** +91 99982 21136



Bioinformatics - Introduction and Applications: A Hands-on Workshop

BASIC INFO

This faculty-led workshop offers a comprehensive introduction to the transformative role of bioinformatics in modern medicine and biomedical research, bridging biological sciences with data-driven innovation. Delivered by expert faculty, participants will explore how computational biology is reshaping genomics, precision medicine, and drug discovery, while developing the research aptitude and scientific curiosity needed to engage with this rapidly evolving field.

WHAT YOU WILL LEARN

- Fundamental principles and scope of bioinformatics in modern medicine and biomedical research.
- Applications of bioinformatics in genomics, precision medicine, drug discovery, and translational research.
- Commonly used bioinformatics tools, databases, and computational resources.
- Interpretation of basic bioinformatics outputs and their relevance to clinical and research decision-making.
- Application of bioinformatics concepts to analyze simple biomedical research problems.
- Emerging trends, opportunities, and ethical considerations in bioinformatics for healthcare and research.

WHY TO ATTEND

- Gain a foundational understanding of a rapidly growing field in medicine and research.
- Learn how computational tools are transforming genomics and precision medicine.
- Explore practical applications relevant to translational research.
- Build research aptitude and scientific curiosity through expert-led sessions.
- Understand the ethical and emerging dimensions of data-driven healthcare innovation.

For queries, contact
Manav Shukla: +91 98791 98489

FACULTY / DEPARTMENT IN CHARGE



Dr. Shikha Suman
Department of Biotechnology and Chemical Engineering, Manipal University, Jaipur



Beyond The Knot - An Advanced Suturing Workshop

BASIC INFO

The Surgery WET Workshop is an advanced skill-development session aimed at imparting the fundamental principles of surgical tissue handling and operative techniques through supervised, hands-on training. Conducted by experienced faculty, the workshop emphasizes meticulous tissue manipulation, instrument handling, suturing techniques, and adherence to aseptic surgical practices, integrating theoretical concepts with practical application to build the technical proficiency, precision, and confidence essential for safe and effective operative practice. Best suited for Final Year MBBS and Interns.

WHAT YOU WILL LEARN

- Demonstrate the principles of atraumatic tissue handling and maintenance of aseptic surgical technique.
- Identify and handle basic surgical instruments correctly and safely.
- Perform common surgical knots and suturing techniques on commercially available organic tissue.
- Select appropriate sutures and instruments for different surgical scenarios.
- Demonstrate proper wound closure techniques while maintaining tissue approximation and minimizing trauma.
- Apply the principles of safe instrument handling, sharps safety, and operating room etiquette during simulated procedures.
- Demonstrate effective teamwork and communication while performing basic surgical skills in a supervised simulation environment.

WHY TO ATTEND

- Learn from experienced surgical faculty in a structured, supervised setting.
- Practice real operative techniques on commercially available, industry standard organic tissue.
- Build core surgical confidence, from instrument handling to wound closure.
- Small-group, focused training: participants divided into 4 groups of 10 for close supervision.
- Progressive skill-building, from simple sutures to bowel anastomosis.

FACULTY / DEPARTMENT IN CHARGE



Dr. Prachi Pillai



Dr. Sundaram Pillai



Dr. Raghunandan GC

For queries, contact

Nandini Shah: +91 99982 21136 | **Manthan Patel:** +91 97252 66524



Echoes Within - Decoding Stress and Anxiety

The "Echoes Within" workshop is a hands-on psychiatry session designed to help participants understand the clinical and psychological dimensions of stress, anxiety, and depression. Through expert-led discussions, participants will explore how these conditions present, how they're assessed, and how they can be managed. The workshop offers a practical learning experience that bridges psychiatric theory with real-world clinical application, making it ideal for medical students looking to strengthen their diagnostic and empathetic skills.

WHAT YOU WILL LEARN

- Basics of stress physiology and its psychiatric impact
- Recognizing signs and symptoms of anxiety disorders
- Understanding the spectrum of depressive disorders
- Clinical interviewing and mental status examination
- Screening tools for anxiety and depression
- Approaches to counseling and early intervention

WHY TO ATTEND

- Gain hands-on experience with psychiatric assessment
- Learn from experienced psychiatry faculty
- Enhance diagnostic and clinical decision-making skills
- Build confidence in recognizing mental health red flags
- Develop empathy-driven communication skills valuable across specialties

FACULTY / DEPARTMENT IN CHARGE



Dr. Devashish Palkar
MD Psychiatry, PGDCH (Clinical Hypnosis)

For queries, contact
Niharika Patel: +91 96385 04202

MEDICAL QUIZ



Think you know medicine? It's time to put your knowledge to the test!

The Medical Quiz at Synergy 2026 brings together the brightest medical minds for an exciting battle of knowledge, speed and clinical reasoning. With questions spanning all 19 MBBS subjects, this quiz will challenge participants beyond textbooks and test how well they can connect concepts across different fields of medicine.

General Rules

Eligibility - Participants must be bonafide medical students of their respective college.

Discipline - Participants must maintain decorum. Use of mobile phones, books, smartwatches, or any electronic gadgets is strictly prohibited.

Authority - The quizmaster's decision will be final and binding.

Quiz Format

The quiz will be conducted in the following stages:

Written Preliminary Round:

The preliminary round will be conducted as an individual MCQ-based round, with participants divided into two categories based on their year of study:

- **Paper 1:** 1st & 2nd MBBS students
- **Paper 2:** 3rd MBBS, 4th MBBS & Interns

The questions in each paper will be tailored to the respective academic level of the participants. The preliminary round will be used to shortlist participants for the main quiz.

Main Quiz Rounds

The top six participants from each preliminary roundwill qualify for the Main Quiz, making a total of 12 participants. These 12 participants will be paired to form six teams, with each team consisting of:
One participant from
Paper 1 — 1st & 2nd MBBS
One participant from
Paper 2 — 3rd & 4th MBBS & Interns

The six teams will then compete against each other through a series of engaging rounds, which may include:

- Rapid Fire Round
- Visual Round
- Clinical Case-Based Round
- Audio-Visual Round
- Buzzer Round



Awards

Exciting prizes and certificates will be awarded to the winners and runners-up.
The quiz features a total prize pool of **₹10,000/-,** along with certificates recognizing the achievements of the top performers. Participation certificates will be provided to all participants.

Further details regarding the rules, round-wise format, prize distribution, and scoring system will be communicated to the participants at the time of the quiz.

PSMUN-2026

CRISIS COMMITTEE

AGENDA

Deliberating the Global Emergency Response to the Collapse of Last-Line Antimicrobial Effectiveness and the Governance of Life-Saving Medicines.

ABOUT THE COMMITTEE

The Crisis Committee simulates a high-pressure, real-time response to a global health emergency. Delegates step into the shoes of key stakeholders and navigate a rising series of crises, from the initial outbreak to a full-scale international response.

WHY THIS MATTERS?

- Antimicrobial resistance (AMR) threatens global health, food security and economic stability.
- It is a cross-border issue that requires cooperation, not just national action.
- The decisions you make in this committee could shape the future of global health governance.

ONLY 20 REGISTRATIONS

Think. Prepare. Make an impact.

BEFORE YOU STEP IN DELEGATE PREPARATION

- Know the history: Study relevant past outbreaks, antimicrobial-resistance emergencies, medicine shortages and previous WHO responses/resolutions.
- Understand WHO functioning, global health governance, pharmaceutical policy, trade and international law.
- Arrive with a country position, but be ready to adapt as crises evolve.
- Be ready to collaborate, negotiate and think beyond national interests.

COMMITTEE FLOW (3 HOURS)

A dynamic, fast-paced crisis experience.

1. OPENING & COMMITTEE BRIEFING - 15 mins

Delegates will be introduced to the committee, its mandate, rules of procedure and the structure of the session.

2. FIRST CRISIS - MODERATED CAUCUSES - 30 mins

The committee's first crisis development will be addressed through structured moderated caucuses. Delegates will analyze the situation, establish national positions and propose their initial responses.

3. OPEN DEBATE - 20 mins

A platform for all delegates to voice their perspectives, challenge ideas and build consensus before the next crisis.

4. SECOND CRISIS - COMMITTEE DEBATE - 35 mins

A new development changes the situation, triggering a debate on the consequences of the First Crisis. Delegates will reassess their strategy, negotiate and respond to the evolving emergency.

5. THIRD CRISIS - EMERGENCY DEBATE - 40 mins

The final escalation requires intense debate, collaboration and strategic decision-making.

6. DIRECTIVE & FINAL RESPONSE - 25 mins

The committee will consolidate its decisions into a Crisis Directive, outlining its collective response and proposed course of action.

FURTHER INFORMATION

Further information regarding committee procedure and preparation will be provided to registered delegates.

For any queries contact : **Yashasvi Vadhya :** 97258 88889, **Moksh Shah :** 98799 92477

ACCOMODATION

To facilitate a seamless experience for participants travelling from outside Anand, Synergy 2026 offers accommodation options designed to suit varying requirements and preferences.

Participants may choose between on-campus accommodation and external hotel accommodation, with options available for both one-day and two-day stays. Detailed tariffs and accommodation options are provided in the table below.

On Campus Accommodation	
Rs.500/-	Per day per person
Rs.800/-	Per two days per person

External Accommodation - Hotel Darshan Inn	
Rs.700/- The aforementioned prices have been subsidized by Bhaikaka University keeping in mind the feasibility of students.	Per night per person

As accommodation is **subject to limited availability**, participants are advised to indicate their accommodation requirements at the earliest.

For bookings, queries, and further assistance, please contact:
Shireesh Vanara: +91 94299 66366 & **Shreshtha Gaur:** +91 95746 15561



GALA NIGHT

As the first day of Synergy draws to a close, join us for an elegant Gala Night, an evening dedicated to meaningful conversations, professional networking, and lasting connections in a warm and vibrant atmosphere. The night will feature a captivating musical performance, theatre, live music, and storytelling in an immersive experience. With engaging performances and interactive moments, the Gala Dinner offers the perfect opportunity to unwind, connect, and celebrate the spirit of Synergy before embarking on another day of learning and discovery.

The evening concludes on a high note with a vibrant showcase of talent by our very own Abhinaya: The Theatre and Filmmaking Club, and Dhun: The Music Committee of PSMC. With captivating theatrical performances and soulful musical presentations, the evening promises to bring together creativity, passion, and entertainment, making it a memorable celebration for everyone.

SATURDAY | OCT 24 2026 | 7PM ONWARDS

Venue: Triangle Garden, PSMC



ORGANIZING COMMITTEE

PATRON



Dr. Gauri Trivedi
President,
Bhaikaka University

PROVOST



Dr. Abhay Dharamsi
Provost,
Bhaikaka University

REGISTRAR



Dr. Jyoti Tiwari
Registrar,
Bhaikaka University

ORGANIZING CHAIRPERSON



Dr. Swapnil S. Agarwal
Dean, PSMC & Professor, Forensic Medicine & Toxicology, PSMC

STUDENT SUPPORT



Dr. Samir Bhavsar
Asso. Dean, Student Affairs, PSMC
Professor, Ophthalmology, PSMC

FACULTY IN-CHARGE



Dr. Kallol Roy
Asso. Professor,
Amrita Patel Centre for Public Health

ORGANISING SECRETARIES



Pallav Thaker
Final Year MBBS



Griva Patel
Final Year MBBS

STUDENT ORGANISING COMMITTEE

ADVISORY BOARD	
Dr. Rutam Vaishnav	Dr. Yajurva Mehta

ORGANISING SECRETARIES	
Griva Patel	Pallav Thaker

SCIENTIFIC COMMITTEE	
Manav Shukla (Head)	Mahika Toprani (Head) (Paper and Poster Presentations)
Nishita Patil	Akriti Prasad (Quiz - Head)
Pushti Kotak	Param Gohil
Maahi Shah	Naishargi Shah
Mohammad Abbas	Manoj Wadhriani

EMCEES	
Neha Sharma	Vanshika Shah
Nabhyraj Raulji	Vatsal Toprani

FINANCE COMMITTEE	
Dhyey Patel (Head)	Pallav Thaker
Griva Patel	Manav Shukla
Vihaa Shah	

WORKSHOPS COMMITTEE	
Nandini Shah (Head)	Hemiksha Dhadhal
Akriti Prasad (Co - Head)	Hiya Yadav
Manthan Patel	Stuti Dabhi
Krish Patel	Ved Patel
Niharika Patel	Vishal Parmar



CULTURAL COMMITTEE	
Vihaa Shah (Head)	Vipra Patel
Mitansh Doshi	Shreemayi Joshi
Dhyey Patel	Saumya Valand
Kavya Joshi	Vedanshi Thakkar
Diya Naik	Dhruv Dapkawala
Mihika Kapoor	Sangita Hadiyal
Bhavin Jotva	Rajvi Dodiya

REGISTRATION, HOSPITALITY, TRANSPORTATION & ACCOMMODATION COMMITTEE	
Shireesh Vanara (Head)	Kushal Fitter
Mahika Toprani	Shreshtha Gaur
Vihaa Shah	Ruta Patel

FOOD AND REFRESHMENTS COMMITTEE	
Smit Joshi (Head)	Kushal Fitter (Co-Head)

PR AND IT COMMITTEE	
Nishita Patil (Head)	Mahika Toprani (Co-Head)
Akriti Prasad	Mitesh Mali
Hardik Nikum	Janvi Dobariya
Nazish Mullah	Muskan Patel

LOGISTICS COMMITTEE	
Mitansh Doshi (Head)	Jash Menghani
Smit Joshi (Co-Head)	Tirth Patel
Nandini Thakore	





















Glimpses
SYNERGY 2025



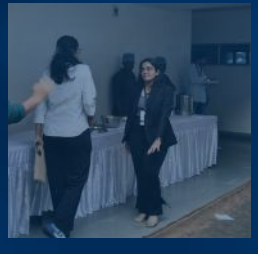




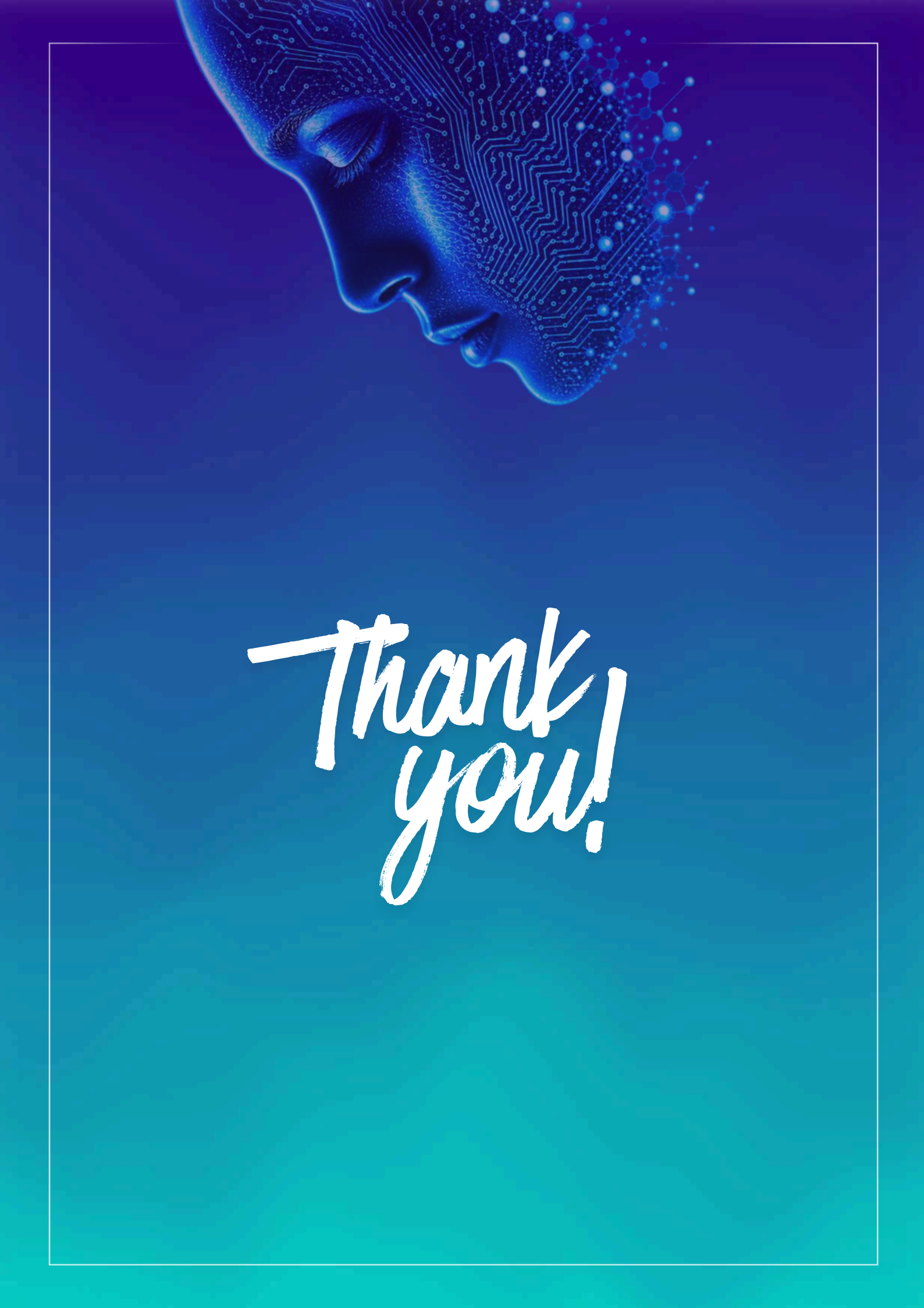










thank you!