Vo 2/ Issue 1/Feb'2026

NDD INSIGHTS



Dr. N.D.Desai Faculty of Medical Science and Research

Dharmsinh Desai University

Aim and Scope

The primary objective of the newsletter is to document, disseminate, and commemorate the academic, clinical, and co-curricular achievements of the institution. It functions as an official chronicle of institutional progress, designed to foster transparent communication, promote academic engagement, and strengthen organizational identity among students, faculty, administrative leadership, and external stakeholders. Furthermore, it incorporates student-led cultural and athletic initiatives, administrative milestones, and mentorship achievements—ensuring a balanced, representative record of academic rigor, institutional governance, and holistic

Editorial Board

A biannual publication highlighting institutional events, faculty milestones, and student breakthroughs.

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Your Reflections Matter to us.....



The transition from Inaugural Issue to this Second Edition marks a shift from simply maintaining academic records to actively celebrating the excellence they represent. I congratulate the entire fraternity of Dr. N. D. Desai Faculty of Medical Science and research for their continuous effort to achieve personal/ departmental/ institutional academic and non academic excellence and working tirelessly for the benefit of society. I especially congratulate the editorial team- Department of Physiology for compiling,documenting and publishing it as "NDD INSIGHT". The First edition proved that behind every credit hour and transcript entry, lies a vibrant story of departmental innovation, faculty research, and student grit. This 2nd edition serves as a living ledger of institutional integrity, moving beyond dry administrative updates to spotlight the tangible achievements—from groundbreaking seminars to prestigious awards—that transform a college from a repository of records into a thriving community of scholars. I wish all of you to keep performing best in your field and be a part of the success story of the faculty of medical science and Dharmsinh Desai University.

-Prof. M. R Bhavsar
Registrar, DDU



The newsletter's opening messages effectively established the context, providing a clear foundation for the reporting period. Authenticity was enhanced through the strategic use of photographs documenting major events, including workshops, student competitions, and community outreach. The logical segmentation of content into academic, research, student, and extension activities significantly improved readability and scannability for the audience. Ultimately, the publication served as a high-quality documentation and dissemination tool, reinforcing institutional transparency and ensuring consistent communication with all stakeholders.

-Dr. M. S. Rao
IQAC Director, DDU

EVENTS

Inauguration of First News Bulletin

The release of the first-ever news bulletin marks a significant milestone for the Dr. N. D. Desai Faculty of Medical Science and Research (NDDFMSR). The inaugural issue was officially released by a distinguished panel of dignitaries, including the Honorable Vice Chancellor Padmashree **Dr**. **H.M. Desai sir**, Campus Director **Mr. Ankur Desai sir,** Registrar **Mr. M. R. Bhavsar sir**, **Dr. Sanjeeth Peter sir of the DDMM Heart Institute,** Dean **Dr. Arun Vyas sir,** and Medical Superintendent **Dr. Pukur Thekdi sir.** This inaugural issue provides a dedicated platform to highlight the institution's vibrant academic achievements, research breakthroughs, clinical innovations, and diverse student and faculty activities. The bulletin serves as an essential showcase for the medical college's ongoing commitment to excellence in medical education and community healthcare, fostering greater communication and pride within the university



APAR Industries and TCC Nadiad Honored with Rotary CSR National Award 2025

APAR Industries Limited and the **Tobacco Cessation Centre** (TCC) at Dr. N. D. Desai Faculty of Medical Science and Research, Nadiad, have been honored with the prestigious Rotary CSR National Award 2025 in the Healthcare – Mega category. The award was presented during a high-profile ceremony on October 8, 2025, at the Motilal Oswal Tower in Mumbai, where they emerged as winners from a competitive pool of 160 corporate participants.

This recognition highlights the life-changing impact of their partnership, which has successfully guided long-term tobacco users toward recovery and clinical transformation. Evaluated by a jury of eminent leaders, the award underscores the rigor, scale, and follow-up care provided by the TCC's dedicated medical staff and counselors. Supported by Rotary India and the Rotary Club of Bombay Pier, this achievement sets a benchmark for purpose-driven CSR initiatives in the healthcare sector.





Microbiological Milestones: Advancing Institutional Infection Control and Rare Pathogen Identification

Institutional Excellence: IPC and AMR Awareness Weeks 2025

In 2025, **the Hospital Infection Control Committee (HICC) and the Department of Microbiology** organized two major initiatives to enhance institutional safety and clinical excellence. From September 9th to 29th, the team conducted the International Infection Prevention and Control Week (IIPW-2025), which featured a diverse range of competitions including an IPC treasure hunt for nursing in-charges, practice assessments for attendants, skits by lab technicians and students, and specialized contests for doctors. This momentum continued in November during World Antimicrobial Resistance Awareness Week (17/11/25 – 24/11/25), which combined clinical oversight through IPC audits of critical care areas with academic engagement via "on-the-spot" poster making, PowerPoint presentations, and AMR-themed quizzes for undergraduate students and nursing staff. Both week-long observances concluded with formal valedictory ceremonies attended by Dean Dr. Arun Vyas and the management team to award prizes and certificates to the participants and winners.

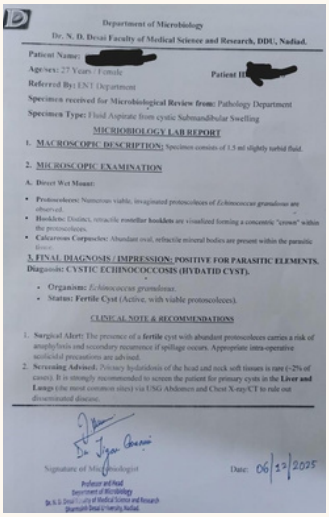








A Diagnostic Rarity: Submandibular Hydatidosis Case



Department of Microbiology
Dr. N. D. Desai Faculty of Medical Science and Research, DDU, Nadiad.

Patient Name: [redacted] Patient ID: [redacted]
Age/sex: 27 Years / Female
Referred By: ENT Department
Specimen received for Microbiological Review from: Pathology Department
Specimen Type: Fluid Aspirate from cystic Submandibular Swelling

MICROBIOLOGY LAB REPORT

1. MACROSCOPIC DESCRIPTION: Specimen consists of 1.5 ml slightly turbid fluid.
2. MICROSCOPIC EXAMINATION
A. Direct Wet Mount:
- Protoscolices: Numerous viable, invaginated protoscolices of *Echinococcus granulosus* are observed.
- Hooklets: Distinct, retractile rostellar hooklets are visualized forming a concentric "crown" within the protoscolices.
- Calcareous Corpuscles: Abundant oval, refractile mineral bodies are present within the parasitic tissue.

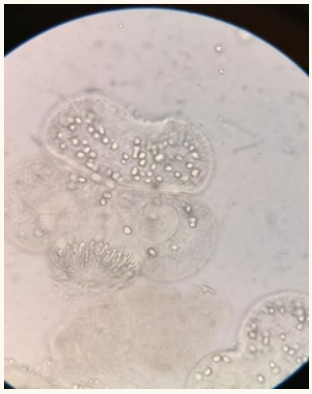
3. FINAL DIAGNOSIS / IMPRESSION: POSITIVE FOR PARASITIC ELEMENTS.
Diagnosis: CYSTIC ECHINOCOCCOSIS (HYDATID CYST).
- Organism: *Echinococcus granulosus*.
- Status: Fertile Cyst (Active, with viable protoscolices).

CLINICAL NOTE & RECOMMENDATIONS

1. Surgical Alert: The presence of a fertile cyst with abundant protoscolices carries a risk of anaphylaxis and secondary recurrence if spillage occurs. Appropriate intra-operative sterilizing precautions are advised.
2. Screening Advised: Primary hydatidosis of the head and neck soft tissues is rare (<2% of cases). It is strongly recommended to screen the patient for primary cysts in the Liver and Lungs (the most common sites) via USG Abdomen and Chest X-ray/CT to rule out disseminated disease.

Signature of Microbiologist
Date: 06/12/2025
Professor and Head
Department of Microbiology
Dr. N. D. Desai Faculty of Medical Science and Research
Dharmsinh Desai University, Nadiad.

In December 2025, a 27-year-old female presented to the ENT OPD with a slow-growing, 4.5 x 3.0 cm submandibular cystic swelling present for ten years. While Cystic Hydatid Disease (Hydatidosis)—a zoonotic infection caused by Echinococcus granulosus—typically affects the liver or lungs, its presentation in the cervical region is exceptionally rare. Following USG and MDCT imaging that revealed a multicystic lesion with internal septations, a fine-needle aspiration (FNAC) was performed. Histopathological examination identified laminated proteinaceous material and parasitic hooklets, prompting a referral to the Microbiology Department for definitive identification of the "hydatid sand" (protoscolices) to confirm this rare diagnosis



Pharmacovigilance Conclave: Advancing ADR Reporting Excellence

From September 18th to 20th, 2025, a comprehensive two-day Pharmacovigilance Sensitisation Program was hosted for 214 participants, including staff nurses, residents, and dental students. The curriculum featured expert-led lectures on historical perspectives and clinical overviews by **Dr. Andrew Mark** and **Dr. Nishal Patel**, complemented by specialized training on Adverse Drug Reaction (ADR) reporting. Faculty members **Dr. Rahul Damor, Dr. Deep Lakhani, Dr. Jhanvi Kasundra,** and **Dr. Harmin Patel** conducted hands-on sessions to master ADR form-filling, reinforcing the institution's commitment to pharmacovigilance and patient safety.



The Anesthesia Advantage: Advancing Cardiac Life Support Through Integrated BCLS & CCLS Mastery

The Department of Anaesthesia organised an enriching BCLS (Basic Cardiopulmonary Life Support) & CCLS (Comprehensive Cardiac Life Support) training program aimed at elevating clinical excellence in cardiac emergency management. The session seamlessly blended updated theoretical insights with intensive hands-on simulations, fostering precision in airway management, high-quality resuscitation, and decisive leadership. Emphasis was placed on rapid recognition, protocol-driven intervention, and cohesive team dynamics. The program not only refined technical skills but also instilled confidence, vigilance, and a spirit of coordinated response in critical care situations.



Advancing Emergency Response and Public Health Excellence at the Department of General Medicine.

The **Department of General Medicine**, spearheaded two major academic initiatives to enhance emergency response and public health awareness. On 26th September, the "Rabies Prevention Awareness: Act Now" CME observed World Rabies Day, engaging residents and nursing staff in the National Action Plan (NAPRE) 2030 goals. Expert sessions led by **Dr. Hetal Pandya, Dr. Kunjan Shah, Dr. Pratiksha Jagirdar,** and **Dr. Meet Shah** focused on post-exposure prophylaxis and the "One Health" approach.

On 8th October, in collaboration with the **Department of Anaesthesia** a high-impact BLS & ACLS Training Workshop for postgraduate students, inaugurated by **Dean Dr. Arun Vyas, Dr. Pukur Thekdi, Dr. Jwalit Shah**, and **Dr. Ravi Thakar.** Guided by a specialist panel including **Dr. Mukesh Shukla, Dr. Jay Shukla, Dr. Kiran Yalavati, Dr. Shobhit Joseph,** and guest **intensivist Dr. Jigar Maheta,** the workshop utilized hands-on manikin simulations and AHA-standard algorithms to master life-saving interventions. Together, these programs empowered participants with the critical skills and leadership dynamics necessary for superior clinical emergency response.





Vision Beyond Life: Department of Ophthalmology Champions Eye Donation Awareness and Corneal Transplantation.

Eye donation fortnight is celebrated every year in the hospital by **Department of Opthalmology** under leadership of **Dr. Chaitali Patel** and with support of all staff member. This year it was celebrated from 25/08/25 to 8/09/25 with objective of spreading eye donation awareness among students and to the community. Cornea is transplanted to inpatients with corneal blindness. target audience learned the protocol to be followed for eye donation. In addition to these, Rangoli and Poster competition amongst nurses and staff, quiz competition among students and a guest lecture and medical camp were organized to achieve the objectives.

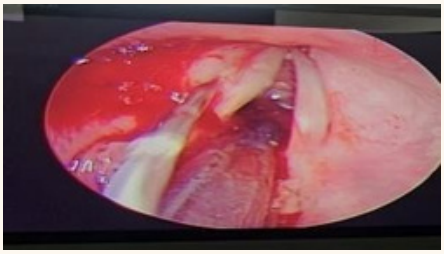


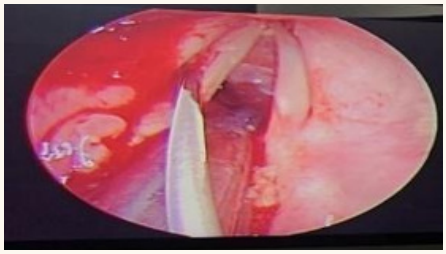


The ENT Frontier: Navigating Rare Submandibular Disorders and Modern Phoniatric Interventions

Vocal Restoration: A Case of Injection Fat Thyroplasty.

To address persistent hoarseness in a 23-year-old patient following the exclusion of organic causes for vocal cord palsy, the **Department of ENT** successfully performed an Injection Fat Thyroplasty via a direct laryngoscopic approach using autologous fat harvested from the thigh

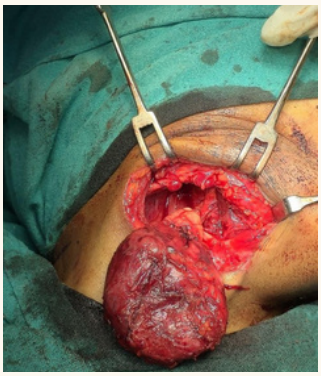




Utilizing the PAIR Technique for Parasitic Cyst Management.

A 27-year-old female patient presented to the ENT Outpatient Department with a right-sided submandibular cystic swelling. Initial diagnostic evaluation via Fine Needle Aspiration Cytology (FNAC) confirmed the presence of a Hydatid cyst, a rare occurrence in the salivary glands. To mitigate the risk of intraoperative rupture and potential anaphylaxis, the clinical team employed the PAIR technique (Puncture, Aspiration, Injection, Re-aspiration) preoperatively, utilizing hypertonic saline as a scolicidal agent to neutralize the parasitic contents. During the definitive surgical procedure, the cyst was found to be intrinsically linked to the right submandibular gland. Consequently, a total excision of the submandibular gland was performed alongside the cyst to ensure complete removal and prevent recurrence





Canvas to Clinic: The Color of Recovery By the Department of Psychiatry

In observance of World Mental Health Day 2025, the **Department of Psychiatry** successfully organised **two** impactful events centered on the theme "Access to Services: Mental Health in Catastrophes and Emergencies." On 9 October 2025, a poster-making competition saw 33 participants create 21 thematic posters, which were evaluated by a distinguished panel of judges including **Dr. Chintan Upadhyay, Dr. Sonu Akhani**, and **Dr. Sapna Shah**; all participants received e-certificates, while the top two entries were awarded prizes. This was followed on 10 October 2025 by an interactive session led by Assistant Professor **Dr. Aayushi Patel** for first-year MBBS students, which focused on managing mental well-being after medical school admission, identifying emotional challenges, and implementing practical relaxation strategies to foster long-term resilience.





Tiny Lives, Big Priorities: Celebrating Neonatal Week 2025 by Department of Pediatrics





The **Department of Paediatrics**, celebrated Neonatal Week 2025 from November 13th to 19th, 2026. Aligned with the national theme, “Safety, Quality and Nurturing Care – Birth Right of Every Newborn,” the initiative aimed to advance evidence-based, family-centered neonatal practices. The week featured a diverse range of activities, including a Poster Presentation Competition on essential care, a Neonatal Quiz for academic reinforcement, and awareness sessions on Kangaroo Mother Care (KMC) and postnatal health. Students also utilized creative outreach through a Skit Competition to educate mothers on hygiene and breastfeeding. The event concluded with a formal closing ceremony honoring participants, reaffirming the department's dedication to improving neonatal outcomes through education, clinical excellence, and compassionate community engagement.

Expert-Led CME: Innovations in Respiratory Drug Delivery

A Continuing Medical Education (CME) program, "Recent Advances in Drug Delivery in Respiratory Diseases," was recently co-hosted by the **Departments of Pediatrics** and **General Medicine**. Accredited by the Gujarat Medical Council (GMC) with one credit point, the event featured **Dr. Rajiv Paliwal** and **Dr. Hardik Shah** as key speakers. The sessions focused on cutting-edge pediatric respiratory care and the GINA 2025 guidelines for childhood asthma, emphasizing anti-inflammatory reliever strategies (ICS-formoterol) even for mild cases. Attended by 58 faculty members and postgraduates, the program bridged theory and practice to enhance clinical outcomes in respiratory medicine.



Advancing Community Wellness: Multi-Speciality Health Initiatives

From September 2025 to January 2026, Dr. N. D. Desai Faculty of Medical Science and Research & Hospital, Dharmsinh Desai University, hosted a series of multi-speciality health camps. Teams of specialists in **General Medicine, General Surgery, Obstetrics & Gynaecology, Paediatrics, Ophthalmology, ENT, Psychiatry, Dental Care, Orthopaedics,** and **Dermatology** offered free screenings, diagnostics, and on-the-spot consultations.

In total, **1633 beneficiaries** received accurate diagnoses, tailored treatment plans, and essential medications. By removing financial barriers and bringing expert care directly to the community, these camps markedly improved access to specialist services and advanced preventive health in underserved areas.



Pinktober: Strengthening Breast Cancer Awareness and Prevention- An Initiative by the WDC

In 2025, the **Women's Cell**, led by coordinators **Dr. Komal Thekdi, Dr. Sneha Babaria, Dr. Binita Purohit**, and **Dr. Hemavati Raoulji**, spearheaded two vital community health initiatives. On 8th October, an outreach program for 23 rural women and girls in Salun village focused on breast cancer awareness, where **Dr. Sneha Babaria** provided expert insights on early diagnosis, symptoms, and the life-saving importance of regular screenings and breast self-examinations. This was followed on 11th December by a session at Salun Kumar Shala for 95 students and teachers, where **Dr. Komal Thekdi** lectured on personal hygiene, lifestyle nutrition, and addiction prevention. Both events, concluded with felicitations by local leaders, underscored the department's commitment to improving regional health outcomes through education.





Pioneering Gynecological Care: From Rare Surgical Breakthroughs to Landmark Vaccination Drives

Landmark District-Wide HPV Vaccination Drive



On 26th November 2025, hosted a landmark HPV Vaccination Drive, marking one of the largest preventive healthcare initiatives in the Kheda district. In collaboration with Mission Brain India – West Zone and the Department of OBGY, the drive successfully vaccinated over 250 girls and boys in just four hours, emphasizing gender-inclusive cancer prevention. Led by **Dr. Neel Shah, Dr. Chintan Upadhyay,** and **Dr. Priyanka Purohit**, the event was lauded for its flawless clinical execution, cold-chain management, and zero major adverse events, setting a regional benchmark for proactive public health.

Advanced NDVH Techniques for High-Risk Patients



Obstetric and Gynecology specialists are proficient in various hysterectomy techniques, including TAH, TLH, NDVH, VH+PFR, and LAVH, tailoring their approach to specific patient needs. Among these, Non-Descent Vaginal Hysterectomy (NDVH) is increasingly favored for its superior clinical outcomes; despite a steeper learning curve, it offers a scarless, natural-orifice approach that is cost-effective and faster to perform. NDVH significantly benefits high-risk patients—such as the obese or diabetic—by reducing surgical site infections, utilizing regional anesthesia, and ensuring quicker postoperative recovery with minimal medication. The efficacy of this technique is demonstrated in complex cases handled by experts like **Dr. Chintan Upadhyay** and **Dr. Shwetambari Patil**, who have successfully removed multiple large fibroids vaginally even in patients with significant comorbidities.

Complex Removal of 18 cm Ovarian Cyst in a High-BMI Patient with Dense Adhesions



In a notable gynecological case, a 29-year-old morbidly obese patient with a BMI of 42 and a history of a previous cesarean section presented with progressive abdominal pain and distension. Imaging revealed a massive 18 cm right ovarian cyst causing mild hydroureteronephrosis, which was preoperatively diagnosed as a likely benign serous cystadenoma. Surgeons **Dr. Kaushal Zaveri, Dr. Priyanka Purohit,** and **Dr. Jigna Savaliya** successfully performed an exploratory laparotomy under spinal anesthesia, overcoming challenges posed by a thick abdominal wall and dense adhesions. The 2.8 kg cyst was removed intact without complications, and histopathology confirmed the diagnosis, with the patient experiencing a smooth postoperative recovery.

Massive 2.7 kg Mucinous Cystadenoma Removal Post-Multiple LSCS



A surgical team consisting of **Dr. Priyanka Purohit, Dr. Juhi Amin,** and **Dr. Anjali Dua** successfully performed an exploratory laparotomy on a 55-year-old female to remove a massive 20 × 20 cm multinodular ovarian cyst. Despite the technical challenges posed by two previous cesarean sections (LSCS), vertical scarring, and dense bladder adhesions, the 2.7 kg mass was removed uneventfully. Histopathology confirmed the diagnosis of mucinous cystadenoma, a condition characterized by large, multiloculated masses as described by the Cleveland Clinic. The patient, who had suffered from abdominal pain and heaviness for three months, experienced a smooth recovery.

Rare Clitoral Epidermal Inclusion Cyst: Precise Surgical Excision



A surgical team led by **Dr. Priyanka Purohit, Dr. Chintan Upadhyay,** and **Dr. Juhi Amin** successfully managed a rare clitoral epidermal inclusion cyst in a 22-year-old primiparous woman. Presenting three weeks postpartum, the patient underwent precise surgical excision to remove the painless, enlarging lesion while meticulously preserving the clitoral neurovascular structures. The procedure resulted in excellent cosmetic and functional outcomes with no complications, and histopathology confirmed the benign nature of the cyst. This case highlights the department's proficiency in treating rare vulvar pathologies

Expert-Led Infection Control Training: Promoting Best Practices in Goa

In October 2025, the Infection Control Team, comprising Infection Control Officer **Dr. Purvi Khristi** and Senior Infection Control **Nurse Sister Madhuben Solanki**, conducted "Basic Training on Hospital Infection Prevention & Control Practices" for nursing students at Montfort Academy in **Corlim, Goa.**





Ortho-Action 2025: Strengthening Bones and Skills from Classroom to Community

The **Department of Orthopedics** organized three significant Institute-level events in June 2025, with **Dr. Rajiv Daveshwar** serving as the organizing secretary for all.

CTEV Day Celebration: Held on June 3, 2025, in OPD No. 1, this event was a poster presentation competition involving 150 final year MBBS students working in 15 groups. They prepared posters focusing on various aspects of Congenital Talipes Equinovarus (CTEV), aiming to promote clinical awareness and team-based learning.

Cultural Activity during BMD Camp: On June 7, 2025, a cultural program was integrated into a free Bone Marrow Density Testing Camp held in OPD No. 1, engaging over 100 participants. MBBS students and staff performed educational skits, music, and dance to raise awareness about bone health, osteopenia, and osteoporosis. This initiative successfully used culture as a tool for public understanding and active engagement.

Ilizarov Day Celebration: This event took place on June 16, 2025, also in OPD No. 1, as a poster presentation competition. 150 final year MBBS students participated in groups to explore different aspects of the Ilizarov technique, combining clinical learning with academic creativity.







Beyond the Classroom: Group Dynamics and Interactive Methodologies in Faculty Training

The **Faculty Development Program** named as **Basic Course in Medical Education** was organized by the Medical Education Department from 15-17/9/2025. The program aimed to provide training to the faculties in the field of Teaching-Learning methodologies, setting correct way of essay, modified essay and short answer question, group dynamics, etc. The event witnessed enthusiastic participation from 30 faculties from various disciplines. Each of them displayed a high level of commitment and interest in the Program.

Entire Faculty Development Program was under guidance and observation of **Dr. Shikha Sood** (**Associate Professor at Smt. NHL MMC, Ahmedabad in the department of Pharmacology**). Being a well-known educationalist she provided critical guidance. As many as 12 highly trained medical education faculties delivered their talk. Certificates were awarded upon successful completion.





Advancing Equity: Highlights from the EOC Programme

On October 9, 2025, the **Equal Opportunity Cell (EOC)** held an awareness program for 120 students, led by **Dr. Sapana Shah** and Coordinator **Dr. Rajanikant Maradiya**, the session focused on promoting diversity and eliminating discrimination against disadvantaged groups. The event concluded with an interactive Q&A, successfully highlighting the benefits and fundamental purpose of the EOC in fostering an inclusive campus environment.



Mobilizing Change: Broad Spectrum of NSS Activities

The NSS unit executed numerous community service campaigns from September 2025 to January 2026. These activities were coordinated by **Dr. Chintan Upadhyay** and **Mr. Arpit Vaishnav**. Activities included the **National Eye Donation Fortnight** in Nadiad on 04/09/2025, the **Swachh Bharat Abhiyan** on 08-10-2025, and a **Seva Pakhwada Tree Plantation Drive** on 09-10-2025, where Dr. Chintan Upadhyay and 98 volunteers planted trees. Concurrent events on 09-10-2025 included the **Tobacco Free Youth Campaign 3.0** and the **World Mental Health Day Celebration** on 10-10-25. Patriotic engagement featured the **National Song Vande Mataram & Swadeshi Oath** on 07-11-2025. A **HPV Vaccination Drive 2.0** occurred on 26/11/2025, and the series concluded with **National Voter Day** on 24/01/2026.



















The Living Model: Bringing Human Physiology to Life through Student Innovation

In November 2025, the **Department of Physiology** hosted its third consecutive model-making competition for first-year MBBS students, coordinated by **Dr. Harsiddh Thaker** as part of a structured qualitative study. The initiative involved 150 students divided into five groups of 30, who developed and presented their projects over six two-hour contact sessions. Participants were evaluated on the model's usefulness for topic comprehension, its impact on critical thinking and engagement, and the students' overall willingness to participate in future active learning sessions.

















Faculty Section

Publications and Book Chapter indexed in Scopus and PubMed

Sr. No	Author Name	Department	Title
1.	Dr. Sarvatnida shaikh	Biochemistry	Patient based real time quality control using average of normal approach
2	Dr. Kirti vyas	Pathology	Effect of heavy metal exposure on human kidney cells
3	Dr. Rajendra Kharadi	Forensic Medicine	Effect of video assisted teaching on cyberbullying awareness among adolescents
4	Dr. Jay Patwa	Community Medicine	Design and development of leflunomide loaded topical microsponge gel: insights from ex vivo and in vivo inflammatory studies
5	Dr. PukurThekdi	General Surgery	Role of Artificial intelligence in Surgery
6	Dr. Sunil Doshi	Forensic Medicine	Body Farms : Should We Seriously Consider them in India?
7	Dr. Parth Bhat	Pathology	Clinicipathological and radiological correlation in osteosarcoma: A prospective study of 91 cases
8	Dr. Jyoti Sapre	Pathology	Sino nasal carcinoma: A rare case report
9	Dr. Supreet Prabhu	ENT	Post COVID-19 Rhino-Orbito-Cerebral Mucormycosis: Retrospective Clinical Observational Study & Analysis of the Patients Presenting in Kheda District, Gujarat, India
10	Dr. Hetal Pandya	General Medicine	Tumor Microenvironment and Its Role in Cancer Progression: An Integrative Review
11	Dr. Urvashi Sharma	Microbiology	Antimicrobial resistance patterns and clinical outcomes in ventilator-associated pneumonia
12	Dr. Bansari Tank	Microbiology	Platelet aggregation and its modulation using antithrombotic agents

13	Dr. Rachana Bhavsar	Microbiology	Evaluation of Antibiotic Resistance Genes in Commensal Gut Flora Among Healthy Individuals: A Hidden Reservoir for Resistance Transmission
14	Dr. Sneha babaria	Pathology	Post-mortem finding of uncommon rheumatic heart disease with mural cardiac thrombi in a young individual: A case report
15	Dr. Mukesh Shukla	Anesthesiology	BOOK- “કાયા ની કરામત”
16	Dr. Kalpesh Parmar	General Surgery	Differential effects of elevated cholesterol and fatty acids on endothelial function: Mechanisms contributing to atherosclerosis development
17	Dr. Neena Luke	Pathology	Prevalence of Nonalcoholic Fatty Liver Disease in Obese Patients and its Association with Insulin Resistance Markers
18	Dr. Mayur Vasava	Anesthesiology	Association Between Serum Vitamin D Levels and Glycemic Status in Prediabetic Adults
19	Dr. Shuchi Shah	Anesthesiology	Comparative Study on the Efficacy of Different Antihypertensive Classes in Early-Stage Hypertension with Renal Function Consideration
20	Dr. Purvi Khristi	Microbiology	Evolving Patterns of Etiological Profiles and Susceptibility Trends of Healthcare Associated Infections Since Inception: A Meta-Analysis
21	Dr. Urja Patel	Anaesthesiology	Economic Evaluation of Biosimilars in India: Cost-Effectiveness Analysis and Policy Implications.

Conferences, Symposia, Lectures and FDP



Dr. Tithi Jain, Dept. of Dermatology, received **First Rank** for the paper presentation titled “Effective management of post herpetic neuralgia with modified Jaipur block : A Retrospective Analysis” at CUTICON, organised in Dec’2025 at O7 club, Ahmedabad.



Dr. Urvasee Makwana, Dept. of Anatomy presented **two poster** titled ”High Division of the Axillary Nerve Before Entering the Quadrangular Space: A Observational Study” and “Congenital Absence of Spinous Process , Laminae and Inferior Articular Process in a Vertebrae: A Case Report” in 72nd National Conference of Anatomical Society of India held from 14th -16th Nov’2025 at Darbhanga Medical College and Hospital, Bihar.



Dr. Shwetambari Patil, Dept. of OBGY delivered an **expert lecture** on "Cancer Awareness and Prevention" to students at Smt. T. J. Patel Commerce College on September 1st. Subsequently, she served as a distinguished **judge** for postgraduate paper and poster presentations at the PPH Conclave 2, an International Conference and Live Operative Workshop on Postpartum Hemorrhage and Placenta Accreta Spectrum, held in Ahmedabad from September 5th to 7th.



Dr. Naiya Bhavsar, Dept. of Respiratory Medicine, presented a E-poster titled “Unmasking Chronic Eosinophilic Pneumonia in a Sea of Eosinophils,” showcasing a rare clinical case involving bronchial asthma and eosinophilic pleural effusion at NAPCON 2025, the 27th National Conference of the Indian Chest Society, held on November 15, 2025. Dr. Bhavsar also **participated** in a specialized Medical Pleuroscopy Workshop, further advancing her procedural expertise and clinical skills in respiratory care.



Dr. Hardik Shah, Dept. of Pediatrics presented a **Research article** titled “Diagnostic Role of Complete Blood Count with CRP in Suspected Early-onset Sepsis and Antibiotic Stewardship in NICU” which was selected for the Dr. GVN Krishnamurthy Award for Haemato-Oncology – Award Paper Presentation at the South Zone PEDICON 2025 held at BLDE(DU), campus, Karnataka on 22nd-23rd NOV’2025. He also Successfully **cleared MRCPCH Part 1 and MRCPCH Part 2,** all theory components of the prestigious Membership of the Royal College of Paediatrics and Child Health (UK) examination.

Conferences, Symposia, Lectures and FDP



Dr. Ravi Thaker, Dept. of Physiology acted as **chairperson** during a poster presentation session in "International conference on basic and applied physiology" organized at KMC, Surat from 20th-21st Dec,2025. He also **reviewed** the book titled " Basics of Medical Physiology 5e" for Wolters Kluwer. **Presented** a **paper** titled "The Effects of High Heeled Shoes Walking on Energy Expenditure and Oxygen Consumption in Healthy Young Females" and **poster** titled "Evaluation of Frequency Domain Parameters of Heart Rate Variability in Patients with Essential Hypertension" at IMA- NATCON from 27-28th DEC'2025.



Dr. Jhanvi Kasundra, Dept. of Pharmacology was invited as a judge for the skit competition organized at DDMM heart institute on the occasion of World Heart Day 2025.



Dr. Jigar Gusani, Dept. of Microbiology. In Oct,2025, he served as **Judge** for Poster Competition on "Hospital Infection Prevention Practices" organized at DDMM, Heart Institute, Nadiad. Subsequently, in Dec,2025, he provided expert evaluation as a **Judge** for the Microbiology Oral Paper Presentations during the prestigious 100th IMA NATCON held in Ahmedabad.



Dr. Purvi Khristi, Dept. of Microbiology conducted "Basic Training on Hospital Infection Prevention & Control Practices" for nursing students at Montfort Academy in Goa in Oct,2025. Also delivered a **guest lecture** on "Infection Prevention and Control Protocols in the Operation Theatre" in Surgical Endoscopic Technical Training Program at the Muljibhai Patel Urological Center (MPUH) in Dec,2025.



Dept. of OBGY,

Dr. Chintan Upadhyay, reviewed two books titled "Speroff's Clinical Gynecologic Endocrinology and Infertility, 1st SAE" and "Essentials of Gynecology 3e" for Wolters Kluwer.

He was also a **Chairperson** for live operative workshop and **Judge** for Paper presentation,

Dr. Priyanka Purohit Served in the dual capacity of Session **Chairperson** and **Judge** for paper presentation,

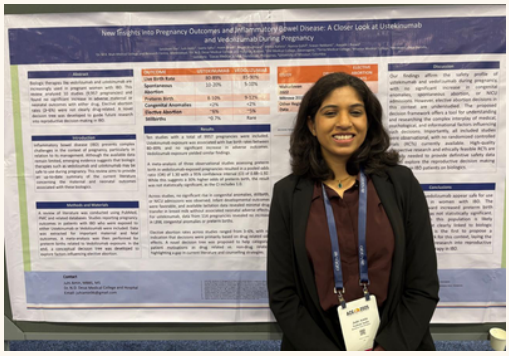
Dr. Shirish Chokshi Judge for Paper/ Poster presentation competition,

at PPH Conclave 2, an international conference and live operative workshop held in Ahmedabad from September 5th to 7th, 2025.at the PPH Conclave 2, held in Ahmedabad from September 5th to 7th.

Conferences, Symposia, Lectures and FDP



Dr. Tejas Prajapati, Dept. of Physiology acted as chairperson during a paper presentation session in "International conference on basic and applied physiology" organized at KMC, Surat from 20th-21st Dec,2025. He was also **awarded** the **Young Academician Award** in the field of physiology on 28th Nov'2025 by the Scientific Laurels Committee.



Dr. Juhi Amin, Dept. of OBGY presented a **poster** titled "New Insights into Pregnancy Outcomes and Inflammatory Bowel Disease: A Close Look at Ustekinumab and Vedolizumab During Pregnancy" and was **co-author** for the **poster** titled "From COnference Presentation to Journal Publication:Success Rates and Determinants in ACG Abstracts" at the American College of Gastroenterology Conference held in Phoenix, Arizona in Oct'2025.



Dept. of ENT, the team "Sphenoid Spartans" participated in the Quiz competition at Annual State Conference "SHUSHRUT" held on 19th to 21st December 2025 at Ahmedabad.



Dr. Supreet Prabhu, Dept. of ENT delivered a lecture on "Headache and facial pain" at Annual State Conference "SHUSHRUT" held on 19th to 21st December 2025 at Ahmedabad.



Dr. Jwalit Mehta, Dept. of Physiology acted as **chairperson** during a paper presentation session and also participated in the preconference **workshop** on HRV and PFT at "International conference on basic and applied physiology" organized at KMC, Surat from 19th,20th-21st Dec,2025.

Conferences, Symposia, Lectures and FDP

Sr. No	Faculty Name	Department	Title
1.	Dr. Mukesh Shukla	Anesthesiology	Reviewer/ Judge in 57th Gujarat State Annual Conference of Indian Society of Anesthesiologists held on 19th-21st Sept'2025 at Hyatt Regency Ahmedabad. He also published a book in Gujarati titled "કાયાની કરામાત".
2.	Dr. Nilesh Banker	Pediatric	Resource faculty in the CME on "Perinatal Approach to Mother and Child Health- A Way Forward". held on 6th Jan,2026 at Bhaikaka University, Anand.
3.	Dr. Komal Thaker	Anesthesiology	Presented a paper titled "A Retrospective Analysis of Clinical Profile of Snake Bite Victims in an Indian Tertiary Level Institute" at IMA- NATCON from 27-28th DEC,2025.
4.	Dr. Alka Dave	Anesthesiology	Participated as faculty during 16th NAC 2025 on 13th - 14th Sept,2025 hosted by AIDAA at RNT Medical College, Udaipur.
5.	Dr. Priyanka Bhagat	ENT	Attended hands-on Rhinoplasty workshop at AOI GSB Annual State Conference "SHUSHRUT" held on 19th to 21st December 2025 at Ahmedabad.



Students Achievements

National Debate Triumph: 1st Runner-Up Victory at SYNERGY 2025

Muskan Sharma, from the **2023 batch**, secured the 1st **Runner-Up position** in the Inter-College Debate Competition at "SYNERGY," a national-level undergraduate conference hosted by Pramukhswami Medical College, Karamsad. Representing her institution with pride, she credited the experience with improving her communication skills and confidence, while expressing sincere gratitude to the faculty for their constant guidance and encouragement.



Peer-Led Mentorship: AETCOM Session on Communication Fundamentals

Senior Batch of **MBBS 2024** conducted the AETCOM session for the MBBS 2025 Batch on Fundamentals of Communication. This peer-led initiative is designed to help new medical students master the essential interpersonal skills required for effective doctor-patient relationships and ethical clinical practice.





Embracing the Coat: A Commitment to Ethics and Service

In order to orient the newly admitted MBBS students and mark their journey, white coat ceremony was organized. 150 students of 1st MBBS and their parents came to know about moral values, ethics and high standard of Dharmsinh Desai University, Dean sir gave important academic information, Medical Superintendent sir gave brief idea about hospital facilities and Director of DDMM hospital explained what it means to be a doctor. Future doctors took ‘Charak Shapath’ with a feeling of pride and glory in their eyes.







Bridge to Medicine: Orienting the Future Healers of Batch 2025

The Foundation Course for the 1st MBBS Batch 2025 provided a comprehensive introduction to the medical profession, aligning with the National Medical Commission's standards for professional excellence. The program oriented students to the MBBS curriculum, medical ethics, patient safety, and the broader healthcare delivery system, ensuring a smooth transition into the academic environment. A highlight of the event was the "Meet the Seniors" session, where the 2024 batch mentored their juniors through guided discussions and an insightful skit that emphasized the necessity of consistent study habits for success in medical college.





First Batch of Post Graduate Students with their Guides



WELCOME BACK to our own students

As we all know, our students of batch 2019 performed marvellously and secured higher ranks in their maiden NEET PG attempt. **Dr. Shivam Oza, Dr. Sai Chandan, Dr. Nihar Shah, Dr. Sakina Sakir, Dr. Soumya Pathak, Dr. Rutvik Jayswal** to name a few among many others (refer to previous issue). Now we welcome back our own students in the post graduate MD/MS course. **We proudly announce that Dr. N. D. Desai Faculty of Medical Science and research has received permission from National Medical Commission for 78 MD/MS seats in 18 different specialties for academic year 2025-26.** Students who are passing MBBS from our institute are privileged to grab the MD/MS seat on the **'UNIVERSITY QUOTA'**-reserved only for our own students. For the academic year 2025-26, so far our following students secured their admission in their favourite branches of MD/MS. We proudly "WELCOME BACK" them.
(Since MD/MS counselling is still going on, list is not complete)



Dr. Janki Dave- Dermatology



Dr. Rutvik Jaiswal General Medicine



Dr. Keyur Chokshi Obstetrics and Gynecology



Dr. Kathan Patel General Surgery

Poster Presentation: Early Detection of Ocular Myasthenia Gravis (NATCON 2025)

Dr. Krishna Sachaniya, R1, Dept. of General Medicine presented her poster presentation on “Early Detection of Ocular Myasthenia Gravis: Importance in preventing progression to Generalized Disease” under the guidance of **Dr. Hetal Pandya**, and **Dr. Utkarsh Patel**, Neurophyscian at 100th NATCON 2025 conference.



Poster Presentation on Pott’s Puffy Tumour.

Dr. Nikita Ravaliya, R1, Dept. of ENT presented a poster titled” Pott’s puffy tumour with Frontal sinus erosion: a case report on a rare complication of invasive fungal sinusitis in an young immunocompetent male.” at AOI GSB Annual State Conference “SHUSHRUT” held on 19th to 21st December 2025 at Ahmedabad.



Scientific Contribution to the PPH Conclave 2025

Dr. Anjali, JR1, Dept. of OBGY presented a poster at PPH Conclave 2, an international conference and live operative workshop held in Ahmedabad from September 5th to 7th, 2025.at the PPH Conclave 2, held in Ahmedabad from September 5th to 7th.



A Case of Cemento-Ossifying Fibroma

Dr. Prasoon, R1, Dept. of ENT presented a poster titled” The Silent Expander- A Rare Case of Cementing Ossifying Fibroma in an Adolescent Female.” at AOI GSB Annual State Conference “SHUSHRUT” held on 19th to 21st December 2025 at Ahmedabad.



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DHARMSINH DESAI UNIVERSITY
DR. N. D. DESAI FACULTY OF MEDICAL SCIENCE AND RESEARCH

Invitation

To _____

We await your graceful presence at

EMBLAZE

Our sports and cultural fest

Segregate for safety

16 FEB - 23 FEB 2026

STUDENT UNION AND WELFARE COMMITTEE (2022)

EVENT CATEGORY	CULTURAL EVENTS		SPORTS EVENTS		
TIME SLOT	9 AM - 12 PM	1 PM - 5 PM	9 AM - 12 PM	12 PM - 4 PM	4 PM - 10 PM
DAY 1 FEB 16	INAUGURATION	PAINTING		CHESS CARROM	DODGE-BALL VOLLEY-BALL
DAY 2 FEB 17	DEBATE	TREASURE HUNT (STUDENT)	TT CHESS	BADMINTON CARROM	DODGE-BALL VOLLEY-BALL
DAY 3 FEB 18	QUIZ	RANGOLI/ AUDITION (IGNITE)	TT CHESS	BADMINTON TT	TUG OF WAR KHO-KHO
DAY 4 FEB 19	RAMP WALK	TREASURE HUNT (FACULTY)		ATHLETICS	FOOTBALL TUG OF WAR (FINAL)
DAY 5 FEB 20		COOKING COMPETITION	INDOOR FINALS		KABADDI KHO-KHO
DAY 6 FEB 21			SPORTS FINALS		
DAY 7 FEB 22	GARBA NIGHT 7 PM ONWARDS		For more details scan here		
DAY 8 FEB 23	IGNITE + DINNER + DJ NI GHT 5 PM ONWARDS				

ENTERTAINMENT + FOOD FEST
DAILY 1-5 PM FUN ACTIVITIES

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- 16th FEB : TRADITIONAL DAY
- 17th FEB : SIGNATURE / GROUP DAY
- 18th FEB : MONOCHROMATIC DAY
- 19th FEB : CHARACTER /RETRO DAY
- 20th FEB : DOTS,LINES AND CHECKS DAY
- 21st FEB : HALLOWEEN/INJURED DAY
- 22nd FEB : GARBA NIGHT
- 23rd FEB : EXECUTIVE DAY

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ORGANIZED BY

BATCH 2022

Thank you

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Get Ready for the Fun Filled Week Ahead!!!!















Stay tuned for full coverage in next edition!!!!

Editor's Note

Dear Readers,
Hope all of you very well.

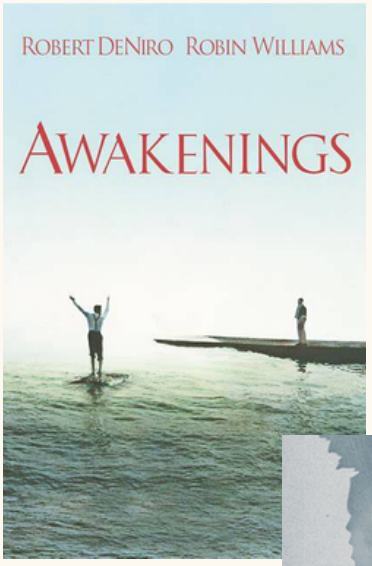
As we usher in the year 2026, we extend our warmest greetings to you. It is with great pride that we present the **2nd Edition of NDD INSIGHTS**. This publication was conceived as a cornerstone for the generation of knowledge, dialogue, debate, and collaboration among us. In this latest issue, we have curated a comprehensive overview that reflects the heart of our various departments. This edition serves as a vibrant tapestry of our collective efforts, specifically highlighting: Departmental Milestones, Faculty Excellence, Student Achievements and Holistic Growth.
As we move forward, we do so with renewed energy and a unified commitment to excellence in healthcare alongside various academic as well as extra-curricular activities. Our goal remains steadfast: to bridge the gap between rigorous academic theory and compassionate clinical practice.
We are delighted to have you as part of our growing readership. It is our sincere hope that the insights shared within these pages inspire you to join us—not just as readers, but as active contributors to our future editions.
Thank you for your continued support and for being an integral part of our journey toward excellence.

With warm regards and sincere thank you,
The Editorial Team
NDD INSIGHTS



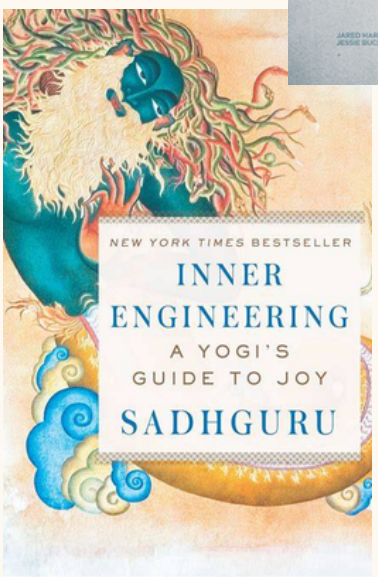
The Editorial Selection

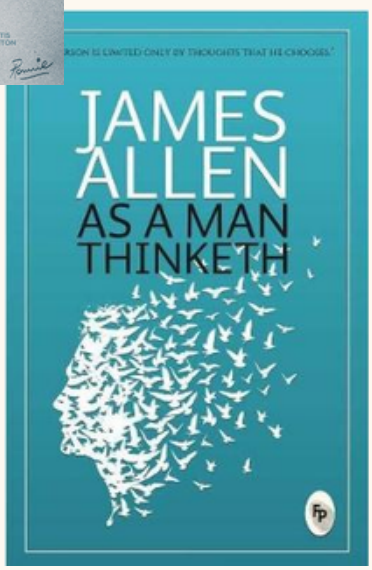
Between lectures, postings and late night study sessions everyone deserves a dose of good story-telling! Here's a curated list of movies, series and books that blend entertainment with inspiration.













Created and Published by:

Department of Physiology

For:

Faculty of Medical Science and Research

Dharmsinh Desai University