

The
Clinical Herald
Of
Guntur Medical College
Newsletter

Volume I Issue I

July 2025



# Preface

It gives me immense pleasure to present this publication on behalf of Guntur Medical College. As a premier institution committed to excellence in medical education, research, and patient care, we take pride in our unwavering dedication to nurturing competent and compassionate healthcare professionals.

This publication reflects not only the academic achievements of our faculty and students but also showcases the dynamic and holistic learning environment we strive to foster. Our curriculum is designed to meet global standards, while emphasizing ethical values, clinical expertise, and a commitment to community service.

At Guntur Medical College, we believe that a strong foundation in science must be matched with empathy and integrity. Our faculty members, through their continuous mentorship and scholarly contributions, have created a culture of inquiry and innovation that motivates our students to push the boundaries of knowledge and practice.

I take this opportunity to thank all the contributors, editorial team, faculty, and students for their efforts in making this publication a success. I hope it serves as an inspiration for continuous learning, critical thinking, and meaningful impact in the field of medicine.

With warm Regards
Dr.N.V. SUNDARACHARY MD.DM.,
Principal & Additional Director
Guntur Medical College

# Editor's Note

As you begin reading this edition, I want to take a moment to express my deepest gratitude to you, our reader.

This newsletter is more than just a collection of articles and updates — it reflects our college's vibrant spirit, collective achievements, and the voices that make Guntur Medical College what it is today. Every piece, every photograph, and every word has been carefully chosen to not only inform but to inspire.

Whether you're a first-year student just beginning this incredible journey, a senior preparing to take the next step, or a faculty member shaping future healers — this space is yours. And it is your stories, your passion, and your excellence that breathe life into these pages.

As editors, we are merely curators. The real narrative belongs to you — the students, teachers, and changemakers of GMC.

We hope this issue made you smile, made you think, and perhaps even sparked a new idea. And as we continue to grow together, we invite you to contribute, share, and be part of the next edition.

Until then, keep learning, keep questioning, and never stop dreaming.

With warmth and appreciation,
Aditya Nagamalleswararao Mathangi
Editor-in-Chief
The Clinical Herald of Guntur Medical College



# THE CLINICAL HERALD

# GUNTUR MEDICAL COLLEGE





Dr.N.V. SUNDARACHARY
Principal & Additional Director
of Medical Education
GUNTUR MEDICAL COLLEGE

### **INSIDE THE ISSUE**

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# Let Us Not Fear Change Let Us Be the Change That Inspires Generations

It is with great pride and profound humility that I address you not just as the principal of this esteemed institution, but as one of its own—a student who walked these very corridors in 1981. To return after 44 years as the principal is more than a designation; it is a homecoming and a commitment. My vision has always been clear—to see Guntur Medical College ranked among the top ten medical institutions in the country. When I stepped in, the infrastructure bore the weight of time—leaking roofs, broken roads, and outdated facilities. But in just a short span, we witnessed transformation: two new buses funded by the alumni, revival of neglected departments, improved amenities for girl students, and renewed discipline across campus Challenges? Certainly. But I believe leadership is about consistency, patience, and unwavering ideals. From ensuring ID card compliance to pushing for research collaboration, we've made change not just a goal but a habit. I take pride in being accessible to every student, parent, staff member, and patient. My office has no doors of hierarchy—it welcomes questions, concerns, and conversations, even during lunch. In this digital age, platforms like our newsletter are more than just documentation—they shape minds. I urge every reader to engage regularly occasionally, with this publication. Not consistently. Because regular reading cultivates wisdom, enhances perception, and prepares us for excellence. Let us together build an institution that doesn't just follow traditions but creates its own meaningful path.

With warm regards
Dr.N.V. SUNDARACHARY
Principal, Guntur Medical College

# INSIDE GUNTUR MEDICAL COLLEGE: GROWTH, CHANGE AND VISION

A tribute to transformation, leadership, and vision

Guntur Medical College, established in 1946, has long stood as a cornerstone of medical education in Andhra Pradesh. Yet, for many students, the campus once felt suspended in time — familiar, but stagnant. That perception has changed dramatically in recent months, thanks to the dynamic leadership of our Principal, Dr. N. V. Sundarachary Sir. His vision and determination have ushered in a wave of unprecedented transformation, rejuvenating both the spirit and the infrastructure of our institution.

One of the most visible milestones of this progress is the inauguration of two new college buses, significantly improving transportation for students and staff alike. These additions reflect the administration's commitment to ensuring



safer, more comfortable, and more accessible commuting.



Another landmark moment was the inauguration of the newly constructed compound wall, a crucial step in enhancing the campus's security and demarcation. This was followed by the renovation of internal college roads, improving

connectivity within the campus and offering a smoother, more navigable environment for students, faculty, and visitors.

Amid these structural developments, lush green lawns now adorn our gardens, offering students a serene, eco-friendly space for relaxation and reflection. The greenery marks a symbolic and literal breath of fresh air, representing renewal and growth.

Inside the college, the lounge and reception area have been completely revamped, now welcoming students





and guests with a modern, studentfriendly design. The faculty guest house has also been renovated, ensuring that visiting faculty and dignitaries experience the comfort and hospitality that our institution proudly offers.

A long-awaited addition to the campus is the new student dining hall, which now provides a hygienic, spacious, and inclusive environment for meals — a daily essential now handled with greater care and infrastructure.





In academics, the Anatomy Department has undergone a full renovation,

with demo rooms, lecture galleries, and every section modernized to offer a better hands-on learning experience.





academic exploration and experimentation.





On International Women's Day, a wall at the rear boundary of GMCANA was inaugurated, marking a significant step towards enhancing the safety and infrastructure of our college campus. The event was graced by our Hon'ble

MLA, Smt. Galla
Madhavi Garu, whose
presence added great
value to the occasion.
She addressed the
students and
emphasized the
importance of women
empowerment.





The Pharmacology Department stands as a model of complete modernization. Lecture galleries, demo rooms, labs, the research hall, and even the museum have been entirely renovated. These upgrades are a testament to the administration's commitment to combining tradition with digitalage learning.

In Pathology, the introduction of an advanced immunofluorescence microscope has elevated the learning and diagnostic potential for students, especially in understanding complex disease processes at a molecular level.



Student resources have seen major upgrades with the addition of air-conditioned reading rooms that provide a cool, calm environment for focused study, particularly during harsh summers.

The revitalized Cooperative Store further enhances convenience by making essential items easily accessible on campus.





Campus life has been further enriched through new cricket nets and washing machines installed at the boys' hostel, promoting both fitness and convenience. Simultaneously,

volleyball and badminton courts have been added to the girls' hostel, encouraging physical activity and recreation in a secure environment.

Adding to our academic tools, the Neuromuscular Monitor installed in the Department of Anaesthesia has enhanced the precision of teaching and clinical practice, offering a valuable hands-on experience for students during procedures



And finally, one of the most impactful initiatives in public healthcare: the KANURI-GMCANA Maternal and Child Health Care Centre. Now part of our Government General Hospital, this state-of-the-art facility — made possible through the generous support of alumni and donors — stands as a beacon of quality care in maternal and paediatric health across the region.

All these developments carry the indelible imprint of Dr. N. V. Sundarachary Sir's tireless leadership — a blend of vision, perseverance, and heartfelt dedication. His active involvement has not only reshaped the physical identity of GMC but has also sparked a renewed spirit of excellence and pride among students and faculty alike.

None of this would have been possible without the unwavering support of our alumni, well-wishers, and donors, whose belief in our institution continues to build a better, stronger, and more student-focused Guntur Medical College



On behalf of the entire student body, we extend our deepest gratitude to Dr. N. V. Sundarachary Sir, our esteemed alumni, and every individual who contributed to this transformation. Today, we walk through a campus that radiates progress — a campus that will inspire future generations of GMC students for years to come.

# **BLOOD DONATION CAMP**

-Not all heroes wear capes; some donate blood

On World Blood Donor Day, observed on June 14th, Guntur Medical College organized a Blood Donation Camp to raise awareness about the importance of life saving voluntary blood donation.

Blood donation plays a pivotal role in maintaining an adequate and consistent blood supply for hospitals and healthcare facilities. It is essential for treating patients suffering from blood loss due to surgeries, accidents, and various medical conditions.

The camp was inaugurated by our esteemed Principal, Dr. N. V. Sundara Chary, who also led by example by donating blood. His noble gesture inspired faculty members and students to actively participate in the event.

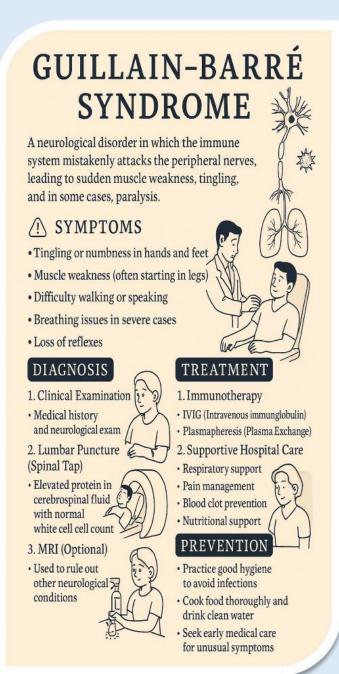
We are pleased to report that the camp received an overwhelming response from the college community and the public. The success of this initiative reflects the collective spirit and social responsibility of our institution in supporting critical healthcare initiatives.



The blood collected during the camp will contribute significantly to saving lives, offering hope, and providing a second chance to those in medical need.

We extend our heartfelt gratitude to all the donors and volunteers who contributed to this noble cause. We look forward to continuing this tradition and encourage everyone to embrace regular blood donation as a vital part of civic duty.

# WWW.GBS.GGH (Where?What is it?What happened?)



Government General Hospital Guntur (GGHG), one of the oldest and most respected public healthcare institutions in Andhra Pradesh, has built a legacy over decades—not only for its infrastructure or location, but through the unwavering trust of its people.

What makes GGHG truly exceptional is its ability to handle an extraordinary patient load on a daily basis, while continuing to deliver care that is thoughtful, compassionate, and clinically sound.

This February, GGHG once again came into the spotlight when Guntur reported a sudden outbreak of Guillain-Barré Syndrome (GBS). Following similar outbreaks in Pune and other regions, Guntur became the next major cluster for this rapidly progressing neurological condition.

As suspected GBS cases surged in the neurology and general medicine wards, GGHG remained calm and organized. Under the leadership of Principal Dr.N.V. Sundarachary Garu and Superintendent Dr. S. S. V. Ramana

Garu, the hospital activated a comprehensive and coordinated response. All the departments worked seamlessly together to ensure early diagnosis and timely intervention for every case. Patients were evaluated using clinical examinations, cerebrospinal fluid (CSF) analysis, and nerve conduction studies. Intravenous immunoglobulin (IVIG) therapy was promptly initiated where indicated, and patients requiring ventilation or intensive care received close monitoring and support. The results spoke volumes: GGHG managed the outbreak with minimal complications, impressive recovery rates, and a remarkable display of unity, professionalism, and compassion from its entire staff.

# A CASE STUDY FROM GGH ON GBS

## INTRODUCTION

A 45-year-old male presented to GGHG with complaints of limb weakness and difficulty performing daily activities such as walking and mixing food. After a series of investigations, examinations, and differential diagnoses, the case was diagnosed as Guillain-Barré Syndrome (GBS). The case highlights the importance of timely diagnosis and treatment, which are critical in managing diseases like GBS, where delays are undesirable.

## CASE PRESENTATION HISTORY:

A 45-year-old male presented to the casualty following a referral from another hospital, with complaints of progressive weakness. He had no known history of hypertension, diabetes, surgeries, or other chronic illnesses. Fifteen days prior admission, he experienced a single day of fever, accompanied by episodes of loose stools and generalized limb pain. After a symptom-free interval of about 10 days, he developed weakness in the lower limbs, initially able to walk only with support for two days, followed by complete inability to walk. Over the past four days, he noted weakness in the upper limbs, identified by difficulty in performing routine tasks such as mixing food. Subsequently, he began having trouble in rising from a supine position, swallowing along with nasal regurgitation of food and fluids and even fully closing his eyes. Mild Paresthesia was present in the lower limbs. There were no complaints about bowel or bladder dysfunction.



Inability to close eyes completely



Facial Nerve Palsy – Buccinator weakness

## GENERAL EXAMINATION

- Moderately nourished and built; conscious and coherent.
- · Afebrile
- · Drooling of saliva and epiphora

### SYSTEMIC EXAMINATION

- · Normal S1 and S2 heart sounds
- Clear respiratory sounds

# **NEUROLOGICAL EXAMINATION:**

The patient is conscious and coherent.

Cranial Nerves examination:

CN III, IV, VI: Extraocular movements (EOM) are full and normal bilaterally. CN VII: Bilateral orbicularis oculi and buccinator weakness noted.

CN IX, X: Gag reflex is absent bilaterally.
Uvula remains in midline • Motor
Examination:

Tone: Hypotonia in lower limbs Power:

Upper limbs: proximal: 4-/5,

Distal: 4-/5

Lower limbs: proximal: 3/5, distal: 0/5

Reflexes: Intact in upper limbs Absent in lower limbs

• Sensory Symptoms: JPS (Joint position sense) lost bilaterally

• No cerebellar and meningeal signs

### **INVESTIGATIONS**

Blood investigations:

WBC count: 7,600 /mm³

• Platelet count: 2.7 lakh /mm³

• Serum potassium (K+): 4.6 mmol/L

• RFT, LFT, Other serum electrolytes (Na $^+$ , Cl $^-$ , Ca $^2$  $^+$ , etc.): Within normal limits.

Nerve Conduction Study (NCS): Suggestive of BILATERAL SEVERE SENSORY MOTOR AXONAL POLYNEUROPATHY.

### CSF Analysis:

Protein: 43 mg/dLSugar: 127 mg/dL

Total Cell Count: 2 (P: 10%, L: 90%)
Negative for globulins and chloride

### Serology:

 Negative: Chikungunya, JE IgM, Dengue, Cryptosporidium IgM

· Positive: Toxoplasmosis, Rubella, HSV

 CMV: IgM negative, IgG positive (suggesting past infection but no active disease)

### **DIAGNOSIS:**

Based on clinical and diagnostic findings, the case was classified as **Acute Motor Sensory Axonal Neuropathy (AMSAN)** subtype of Guillain Barré Syndrome.

### TREATMENT:

The patient received IVIG therapy for 5 days as per standard protocol, followed by supportive medication including Neuro-protective supplements. Additionally, the patient underwent physiotherapy, with close monitoring of vitals and neurological status.

### PROGNOSIS:

There was no marked improvement in the initial days. However, over time, the patient began to show signs of recovery. Muscle power in both upper and lower limbs improved to 4/5 bilaterally during the hospital stay enabling him to walk again with support. Soon, he was able to swallow food without requiring Ryle's tube. The patient was discharged with a prescription for medication, physiotherapy, and follow-up.

#### **DISCUSSION:**

This case is noteworthy due to the diagnosis of Acute Motor Sensory Axonal Neuropathy (AMSAN), a severe variant of Guillain-Barré Syndrome. Unlike the more common demyelinating forms, AMSAN

involves direct damage to motor and sensory axons. In this patient, early symptoms such as facial palsy, bulbar involvement and limb weakness raised concern. Prompt initiation of IVIG therapy and supportive care led to gradual improvement, with muscle power improving to 4/5 in all limbs. This case highlights the importance of early recognition and classification of GBS subtypes. Identifying AMSAN early allows for timely treatment, close monitoring and improved outcomes.

### **CONCLUSION:**

This case underlines the importance of early recognition and intervention in Guillain-Barré Syndrome, particularly in axonal variants like AMSAN, where rapid progression can occur and delay in treatment may result in poor outcomes. Interestingly, although AMSAN is often associated with autonomic dysfunction, this patient showed no signs of autonomic involvement, such as blood pressure fluctuations, or bladder dysfunction. This reminds us that not every clinical case presents with all the textbook features.

### ARE YOU READY FOR A





Q1.In this test, a doctor zaps your nerve like Thor's hammer and waits for it to reply. What is it called?

(HINT: "EERVN DOUCNTNICO TYSDU")

Q2. Plasma exchange is one of the two main treatments. What's the other one that sounds like a magical potion?

(HINT: LGVMIOBUNUIIIONL)

Q3. A patient walks in with weakness, areflexia, and a recent case of food poisoning — which common bug is behind this?

(HINT: BLCPRYJJEATINMUOACE)

Q4. In severe GBS, this medical scale helps you rate how bad the weakness is-kinda like Yelp but for muscles.

(HINT: UHCHLAESSEG)

Q5. This finding in CSF is like a party where only protein got the invite-no cells! What is it?

(HINT: CLYIAGTOCOLOMBUNI DOS SATISICIAINOC)

#### ANSWERS:

- 1. Nerve Conduction Study
- 2. IV Immunoglobulin
- 3. Campylobacter jejuni
- 4. Hughes Scale
- 5. Albuminocytologic Dissociation



# GBS is not pandemic, govt providing free treatment, says Addl DME



does GBS affect the

tion promptly when they appear.

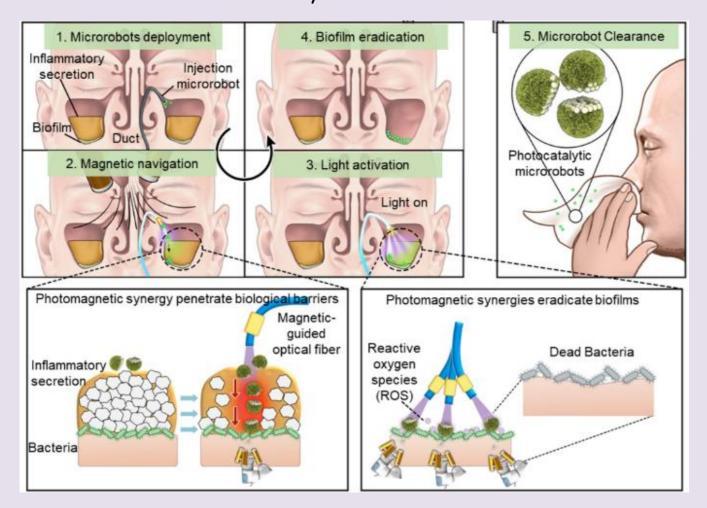
What could be the reasons behind the surge in GBS

# Breakthroughs in Global Medicine: 2025 Mid-Year Highlights

Reporting the Medical Advances Shaping Our Future
 The first half of 2025 has delivered powerful innovations in medicine — blending technology, genetics, and clinical strategy.

# 1. Micro-Robots to Treat Sinus Infections 🐎

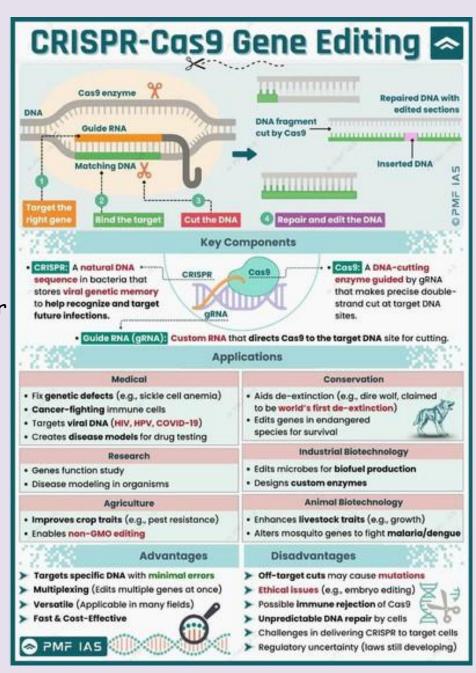
Researchers in China and Hong Kong have created magnetic micro-robots that can be delivered through the nose to target sinus infections directly. These light-activated robots release antibacterial compounds at the site and exit the body naturally. Animal trials showed complete infection clearance in sinus tissues without damage to healthy cells — signaling a future with less reliance on systemic antibiotics.



2. Personalized CRISPR Gene Therapy  $\Rightarrow$  In a historic first, U.S. scientists created a one-of-a-kind CRISPR therapy — named kayjayguran — to treat a newborn with a rare metabolic

disorder (CPS1 deficiency). It edited a single faulty base in the infant's genome. Post-treatment, the child developed normally and began tolerating proteins — a powerful proof of ultrapersonalized genetic medicine.

3. Immunotherapy for Early Gastric Cancer 🍼 At the 2025 ASCO Conference. AstraZeneca's **Imfinzi** (durvalumab) showed improved survival in earlystage gastric cancer when used after surgery along with chemotherapy raising two-year survival from 70% to nearly 76%. 📈 In a multi-nation trial, patients receiving this combination saw fewer relapses and better recovery outcomes.



# 4. AI for Early Alzheimer's Detection 🧠

New AI models in the UK and Germany are now capable of identifying Alzheimer's disease up to 7-8 years before symptoms appear, using advanced analysis of speech, eye movements, and brain imaging. In pilot studies, AI outperformed traditional tests, offering a path to earlier diagnosis and timely intervention.

# ADRENA X TARANG '25: THE PULSE OF GUNTUR MEDICAL COLLEGE

From fierce fields to festive footlights, it wasn't just an event it was the heartbeat of Guntur Medical College.

In the vibrant months of April and May 2025, Guntur Medical College came alive with unmatched zeal, as the much-awaited annual sports and cultural fest Tarang 25 unfolded in all its glory. It was a grand celebration of the strength, creativity, unity, and vibrant spirit that defines GMC.



From the adrenaline rush of competitions on the grounds to the echoes of music, art, and laughter Tarang '25 gave every student a moment to shine and every memory a place to live forever

# ADRENA: THE ROAR OF SPORTSMANSHIP

Inauguration: April 24, 2025.

"Victory isn't just a score. It's the courage to compete, the spirit to strive, and the bond built in every game."

The festivities kicked off with a grand Inauguration Ceremony for Sports Day that set the stage for the excitement to come. Our esteemed Principal of Guntur Medical college, Dr. N.V. Sundarachary, MBBS, MD(Pediatrics), DM(Neurology), FAAN, S.C.E (Neurology), M.Sc. (Psychology), led the ceremonial Torch March, igniting the competitive spirit within us all. Following this powerful opening, the sports representatives from various years took a solemn pledge, symbolizing the commitment to fair play and camaraderie. The inauguration officially opened the gates for participation across all years and batches, from the eager first-year MBBS students to our dedicated post-graduate scholars.

The ceremony then erupted in a glorious blast of colors, as vibrant hues filled the air - a jubilant symbol of the diversity and energy awaiting.



concluded with joyful group photographs, capturing the unified enthusiasm of all participants and the organizers, solidifying the memory of an unforgettable start to the GMC Sports and Cultural Extravaganza.

Simultaneously, in a truly breathtaking display, the flags of all participating batches were majestically unfurled from above the Auditorium, cascading down to represent the unity and distinct identity of each year. The sight was met with roaring applause, reinforcing the spirit of collective participation. The ceremony



Spanning multiple venues including the college grounds, hostels, and various stadiums across Guntur Adrena saw massive participation from undergraduates and postgraduates alike.

## Events included:



Cricket, Football, Volleyball,
Basketball, Ball-Badminton,
Table Tennis, Chess, Carroms,
Athletics, and many more.
From the smash of
shuttlecocks to the sprint of
spikes, Adrena 2025 was a fullthrottle celebration of spirit,
stamina, and sportsmanship.

Whether it was the strategic silence of chess, the electric volleys of throwball, or the crowd-thrilling cricket, every event brought its own pulse to the playground.

Each sport had its own rhythm, its own arena, and its own warriors.

Cricket matches unfolded with high-energy cheers under open skies, while football brought fierce footwork and strategy to the field. In the hostel lanes and college courts, throwball and tennikoit showcased sharp reflexes and team coordination.

Indoor halls saw intense duels in chess, carroms, table tennis, and badminton, as players battled silently yet fiercely for every point. Meanwhile, athletics tested speed, stamina, and spirit, as students raced, leapt, and pushed limits under the roaring applause of peers.



Each game wasn't just played — it was lived.



The cheers from the sidelines, the nail-biting finishes, and the sheer joy of participation created an electrifying atmosphere, fostering healthy competition and teamwork. Every match was a blend of determination and camaraderie. The roar of supporters, the hustle on

the field, and the sheer joy of participation made Adrena a roaring success.

# Tarang: Not just a fest, but a Festival of Expression

Commenced On: May 3, 2025

"Where stethoscopes rested, stories began; where white coats paused, colors danced this was Tarang."



Once the sports adrenaline eased, the spotlight turned to the much-awaited cultural celebrations under the banner of Tarang. Each day brought a new flavor, a new rhythm, and a fresh opportunity to express, create, and connect. Over

several days, students showcased an incredible range of talents, with each day dedicated to a unique blend of creativity and fun.

# **Event Highlights:**

# Where Creativity Ignited

Storytelling, JAM, Treasure Hunt: Minds raced and imaginations soared as captivating narratives unfolded, spontaneous brilliance shone in Just-A-Minute sessions, and thrilling treasure hunts led students on campus-wide adventures.





Painting, Drawing, Spyfall, Crafts, Clay Modelling: The campus transformed into an artist's haven, with vibrant strokes bringing canvases to life,

intricate crafts taking shape, and creative minds sculpting wonders from clay, alongside the strategic intrigue of Spyfall.

Scenario Writing, Poetry, Skits, Short Film Showcase: Dramatic flair took center stage as compelling scenarios were penned, poignant poetry resonated, hilarious skits captivated audiences, and student-produced short films offered glimpses into burgeoning cinematic talent.

Ethnic Day, Cosplay, Flashmob:
A spectacular display of cultural pride and playful imagination!
Students adorned themselves in rich traditional attire, embraced their favorite characters in an explosion of cosplay, impromptu flashmobs erupted with infectious energy.



Student Stalls: Adding an extra layer of charm and activity to Tarang '25 was the bustling Student Stalls that sprung to life, transforming our college grounds into a lively carnival! Stepping into this vibrant marketplace was an experience in itself, with tantalizing aromas wafting from food stalls offering everything from sizzling snacks to refreshing coolers.



Others showcased a kaleidoscope of handcrafted items, while the air crackled with excitement around innovative game booths that challenged wits and skills. These stalls weren't just about transactions; they were

about connection, shared smiles, and the tangible joy of our students bringing their entrepreneurial dreams to life. Every purchase felt like a direct cheer for their creativity and hard work, making for an unforgettable interaction for both sellers and visitors.

Antyakshari, Quiz, Singing,
Instrumentals: Melodies filled
the air, challenging quizzes
sparked intellectual battles, and
vocal powerhouses, alongside
masterful instrumentalists,
serenaded the crowds, creating
an unforgettable sonic
experience.





Dance, Mehendi, Face
Painting, Nail Art: Rhythms
compelled every foot to move
as dynamic dance forms took
over, while intricating
Mehendi designs, imaginative
face paint, and artistic nail
art transformed students
into living canvases.

**Reels Competition:** A whirl of transitions, trending audios, campus comedy, aesthetic montages, and spontaneous genius, the Reels contest became the digital heartbeat of Tarang 25.

Students swapped stethoscopes for storyboards, turning hostels and lecture halls into mini film sets, and every corridor into a cinematic scene. From hilarious hostel humor to heartfelt reflections, from cinematic dance edits to relatable med-school struggles - each reel was a burst of personality, packed into just a few seconds of screen time.

# Debate, Rangoli, Kolatam:

Intellect clashed in fierce debates that sparked critical thinking, while vibrant Rangoli patterns blossomed on the ground, and the rhythmic grace of Kolatam dancers celebrated traditional artistry.

The photography contest: invited students to capture campus life,



emotions, and culture through their lenses, proving that sometimes a single image could hold more meaning than a thousand words. From candid clicks to perfectly timed action shots, every submission was a window into the vibrant heartbeat of GMC.

Ice Cream Eating, Cooking, Fruit & Vegetable Carving: Culinary creativity

and joyous indulgence converged. Speed-eating challenges brought laughter, budding chefs showcased their skills, and delicate fruit and vegetable carvings







amazed with their intricate beauty.



DJ Night & Holi Bash: The grand finale! The campus pulsed with electrifying beats as the DJ spun tracks, leading to an explosion of color and uninhibited joy at the highly anticipated Holi Bash. The college came alive with color, rhythm, and joy making every corner a canvas

of celebration.

Each event was met with overwhelming enthusiasm and dazzling creative brilliance. The college burst to life with color, rhythm, and joy-making every corner a canvas of vibrant celebration.

Finally, Tarang 25 wrapped up its cultural segment with a beautiful blend of tradition. Each event met with enthusiastic participation and creative brilliance.

# COLLEGE DAY: THE FINAL CHAPTER OF ADRENA X TARANG '25...

- signed with joy, sealed with applause

The fest reached its crescendo with the much-awaited College Day, which served as the closing ceremony for both Adrena and Tarang.

The event was graced by a distinguished guest, Dr. Pulala Chandrasekhar garu, MBBS, M.D, D.M(Cardiology), the Vice-Chancellor of NTR University, whose address resonated deeply with the student body. Their



words, filled with wisdom and inspiration, emphasized the importance of holistic growth, balancing academics with extracurricular excellence, and the role of such events in shaping confidence, compassionate professionals and appreciating the Principal, Dr. N.V. Sundarachary sir, for his immense dedication for the development of Guntur Medical College.

The Prize Distribution Ceremony followed where champions of the fields and stars of the stage were honored for their outstanding performances, leadership, and enthusiasm.

# Curtains Fall, But the Echo Stays:

As the spotlight dimmed and the final name was called to the stage, College Day 2025 wrapped up not just an event, but a season of dreams lived out loud. Trophies gleamed under the lights, but what truly shimmered was the spirit in every smile, every standing ovation, every teary eye that didn't want the event to end.

From thunderous applause to quiet, proud glances exchanged across the auditorium, the evening was a symphony of celebration.

Students, organizers, and faculty stood united - not just as attendees of an event, but as co-authors of a story that will echo through the corridors of GMC for years to come.

# From Passion to Podium: List of Winners Adrena x Tarang 2025

EVENT	1 <sup>st</sup> place	2 <sup>nd</sup> place	3 <sup>rd</sup> place
Cricket (Men)	2021 batch	PG sir's	-
Cricket (Women)	2021 batch	2021 batch	-
Football	PG sir's	2020 batch	-
Volleyball (Men)	2021 batch	2020 batch	-
Volleyball	2021 batch	2022 batch	-
(Women)			
Throwball (Girls)	2021 batch	2023 batch	-
Ball-Badminton	2021 batch	2024 batch	-
(Boys)			
Ball-Badminton	2021 batch	2022 batch	-
(Girls)			
Carroms -	Dr. Venu	Tej Sai, 20	-
Singles (Boys)			
Carroms -	Venkat Sai, Sai	Venkat Sai,	-
Doubles (Boys)	Ganesh, 22	Hitesh Vardhan,	
		21	
Carroms -	N. Sumedha, 21	Vennela, 24	-
Singles (Girls)			
Carroms -	Princy, Kumudha,	Dr. Harika, Dr.	-
Doubles (Girls)	20	Sneha	
Chess (Boys)	Tarun, 20	Manohar, 22	-
Chess (Girls)	Charani, 24	-	-
Table Tennis -	Raviteja, 21	Dr. Rahul	-
Singles (Boys)			
Table Tennis -	Lalith, Nandu, 20	Dr. Satyadev,	-
Doubles (Boys)		Dr. Charan	
Table Tennis -	Dr. Harika	Dr. Janani	-
Singles (Girls)	<b>.</b>	<b>-</b> .	
Table Tennis -	Dr. Harika, Dr.	Jahnavi,	-
Doubles (Girls)	Sneha	Charitha Sree, 23	
Tennicoit -	Sumedha, 21	Jahnavi, 21	-
Singles			
Tennicoit -	Jahnavi,	Aneesha, Hasini,	-
Doubles	Samyuktha, 21	24	
100m run (Boys)	P. Teja, 21	Sridhar	Dinesh, 23
		koushik,20	

200m run (Boys)	Sridhar koushik,	P. Teja, 21	Seenu naik, 22
400	20	D 41 · · ·	
400m run (Boys)	M. Praneeth, 24	P. Chiranjeevi, 23	5.Deepak, 22
800m run (Boys)	Deepak, 22	S. Prakash, 24	Ananth sai, 20
1500m run (Boys)	Gopi Ramavath, 21	S. Deepak, 22	P. Bhargav, 24
100 x 4 Relay (Boys)	2020 batch	2022 batch	2021 batch
100 x 4 Relay (Girls)	2021 batch	2023 batch	2022 batch
400 x 4 Relay (Boys)	2021 batch	2020 batch	2023, 2024 batches
Javelein throw (Boys)	E. Manjunath, 21	P. Teja, 21	Srinu, 22
Discus throw (Boys)	E. Manjunath, 21	Gopi naik, 21	Josh, 22
Long jump (Boys)	Sridhar koushik, 20	Teja, 21	Srinu naik, 22
Shot put (Boys)	Chandu Naik, 23	M. Tharun, 21	P. Teja, 21
100m run (Girls)	Yashaswini reddy, 21	K. Hima, 23	T. Bhavya, 23
200m run (Girls)	Yashaswini reddy, 21	Amulya, 23	Harsha, 22
400m run (Girls)	K. Hima, 23	Jeena Meghana, 21	S. Jahnavi, 23
800m run (Girls)	M.Sireesha, 23	Yashaswini reddy, 21	Jeena Meghana, 21
Javelein throw (Girls)	Sumedha, 21	E. Lahari, 21	D. Vennela, 24
Discus throw (Girls)	Shammy Kiranmaie, 22	A.Khyathi, 21	Yashaswini reddy, 21
Shot put (Girls)	A.Khyathi, 21	D. Vennela, 24	E.Lahari, 21
Storytelling English	G.Harika, 21	G.Sudeeksha, 21	Shanaz, 23
Storytelling Telugu	G.Naga Shaily, 21	G. Harika, 21	Rajeev Shine, 22
Just a minute- English	Mohith, 23	Shanaz, 23	Amulya, 23
Just a minute- Telugu	Y. Amulya, 21	Bhanu Tejaswini, 23	Jayakar, 21

Treasure hunt	JatothYashwanth	Sahithi and team	-
Painting	and team Yuva Tharun, 21	Naveena, 22	Laalasa, 21
	· ·		·
Drawing	Mounika, 23	Sravya and Renuka, 23	D. Jyothi, 23
Scenario writing - English	GJ Pratibha, 21	Patan Lubna, 22	O. Sathvika, 21
Poetry - English	G. Harika, 21	Sai Jahnavi, 23	Ashok Chakravarthy, 23
Poetry - Telugu	T. Yashwanth, 21	GJ Pratibha, 21	G. Harika, 21
Poetry - Hindi	Avanitha Vyas,21	Vikas, 22	Tanya Jaiswal, 21
Short film	Rajiv Shine and team, 22	Abhinav and Balaji, 23	-
Antyakshari	Yashaswini, Sathwika, Preethi, Sumedha, Meghana, Jahnavi	-	
Quiz	Sai Mohith, V. Balaji, B. Charitha Sree, J. Pavan Krishna, MJ Karthik, 23	Murali sir, Vinay sir, Ram sir, Rajesh sir, Surya sir	DVS Krithik, Abhilash Reddy, Shaik Khursheed Javed, Manoj Kumar, Sasi Sekhar, 21
Singing - Solo (Boys)	Kennanya sir, 20	Jashwanth, 21	Siddharth, 21
Singing - Solo (Girls)	Madhu Sree, 22	Shamsta, 22	Sama Darshini, 22
Singing - Group	Sravani and Tula, 23	Siddharth and Yashwanth, 21	Fatima and Pratiksha,21
Instrumentals (Girls)	Madhu Sree, 22	Sudeepa, 21	Sai Meghana, 22
Instrumentals (Boys)	Gopi Krishna, 22	Y. Satya Vardhan, 24	Venkata Sai, 20
Dance - Classical (Girls)	Sryahwa	Harini	Sai Bhavya

Dance- Semi Classical(Girls)	Harini	Akshaya	Harshitha
Dance -	Vinay	Aditya	Dakshith
Western (PG's)	Dof:-	Taguranth	Cura Caldhan
Dance -	Rafiq	Jaswanth	Guna Sekhar
Western (Boys)  Dance - Group	Sadvika and team	Teerdha and	Shiny and team
(Girls)	Saavika ana ream	team	Shirty and ream
Dance - Group	Manikanta and	Rohith and team	Maharshi and team
(Boys)	team		
Dance - Group	Vinay and team	Anusha and team	-
(P <i>G</i> 's)	<b>a</b> l 1 1 1		
Dance -	Chandra Hasa	-	-
Classical (Group)	and team	Dunit on 21	Consis 22
Mehandi	Vani, 22	Priya, 21	Sreeja, 23
Face painting	Sudeeksha	Laalasa	Jeena
Reels	P. Roopa Nanda Harini	-	-
Photography	Sumitra	Yuva Tarun	Ch.Lasya
Cooking- Veg	Priya and team	Ramgurudev and team	Neeraj and team
Cooking - Non	Aishwarya and	Raveena and	Swaroopa and team
Veg	team	team	
Fruit and	Nasreen and	Hepsiba and	-
vegetable	team, 23	team, 23	
carving			
Debate -	Sai Mohith and	Abhilash and	Manoj and Shivamani,
English	Teja, 23	Krithik, 21	21
Debate - Telugu	Sai Mohith and	Abhilash and	-
D !:	Jahnavi, 23	Dedeepya, 21	Kaniahlas Cudsslads
Rangoli	Yuva Tharun, Koteshwara Rao,	Devika, Sindhu,	Kanishka, Sudeeksha, Sathvika, Lasya,
	Shyam, Manogna,	Renuka	Yashwanth Kodara
	Naga Lakshmi	Kenuka	/us/iwaiii/i Rodai u
Craft	Shalini, Shanthi,	Lohitha, Shanaz,	Harsha Agarwal,
	22	Sabiha, 23	Akanksha nehra,
			Uwais shaik, 22
Clay Modeling	Ruchira,	Jeena, Avanita,	Harsha, Akanksha,
	Haswitha,	Tanya	Uwais
	Gnapika		

# Leadership & Legacy

"A great institution breathes through the vision of its leaders."

The success of Tarang' 25 would not have been possible without the unwavering support and reformative leadership of our principal sir, who



consistently encouraged inclusivity, innovation, and student-driven initiative. Alongside the Vice Principals and faculty coordinators, the administration ensured that every event would run smoothly and safely.

But the true heartbeat behind the curtain was the 2021(Abhyuday) batch of final-year MBBS students, who spearheaded the organizing efforts. From scheduling and logistics to technical execution and participant coordination, their dedication ensured that every moment of Tarang 25 was nothing short of unforgettable.

# Tarang 25: A Wave That Will Never Fade

Tarang 25 wasn't just an event - it was an experience. In every match played, every note sung, every brushstroke drawn, and every memory made Tarang 25 was not just a festival, it was an emotion. A reminder that we are not just future doctors, we are dancers, dreamers, leaders, and creators. It rekindled the spirit of togetherness, celebrated the diversity of talent, and reminded every GMCian of the joy that thrives within these walls. It reminded every student that beyond labs and lecture halls, lies a campus bursting with talent, rhythm, and soul. As the final music faded and lights dimmed, one thing was certain-Tarang 25 made waves that will echo through Guntur Medical College for years to come.

\*Image Credits: Shaurya Shri Sasank Surapaneni, MBBS 1st Year

# **International Yoga Day Celebration**

Guntur, June 21 - Guntur Medical College proudly observed International Yoga Day on June 21st with great enthusiasm and participation. The event was held in the Dhanvantari Hall of the college, where faculty, students, and staff gathered to celebrate the ancient practice that promotes physical, mental, and spiritual well-being.

The program was organized under the visionary leadership of the Principal, Dr. N.V. Sundarachary, who took the initiative to ensure the event was a grand success. His efforts were instrumental in bringing together the college community to participate in this global celebration of yoga.

The session began with a brief address highlighting the importance of yoga in daily life, especially for medical professionals and students who deal with high levels of stress. Certified yoga instructors guided the participants through a series of asanas, pranayama, and meditation techniques, promoting a sense of calm and focus.

Special emphasis was placed on integrating yoga into daily routine for long-term health



benefits.
The hall
resonated
with a
shared spirit
of
mindfulness
and unity as
participants
experienced
the holistic
benefits of
yoga.

# Yogandhra Program - A Statewide Movement

In alignment with the Government of Andhra Pradesh's 'Yogandhra' initiative, Guntur Medical College also pledged support to spread awareness about yoga across the state. The Yogandhra program, launched to promote yoga education and practice among youth and citizens, aims to make Andhra Pradesh a hub of holistic wellness.

As part of this initiative, various institutions, including Guntur Medical College, are conducting awareness sessions, yoga camps, and health talks to emphasize the importance of a balanced lifestyle. Participation in International Yoga Day reflected the state's commitment to nurturing a healthier and more conscious society.

# **Know Your Faculty**

The Boy Who Came Back Home

He was born into a family where dreams were a luxury. The fields were his playground, and the village school a distant window to the world beyond. There were no doctors in his family, no mentors to guide the way.

Against all odds, he did something huge. Guntur Medical College opened its gates to him, a new world that felt like home the moment he stepped inside. It shaped him, grounded him, and gave him a sense of purpose that would carry far beyond its walls.





Growth

Successfully doubled DM seats from 2 to 4 in February 2020,

As Neurology HoD, he

He pursued his post-graduation in Paediatrics at Andhra Medical College, Visakhapatnam, and then went on to specialize in Neurology at Osmania Medical College, Hyderabad. The boy was slowly becoming a man the world would take note of.

He wasn't just a brilliant doctor, he was a teacher, a mentor, a builder. From 1997 onward, he climbed through the ranks: assistant professor, associate professor, professor. He carried with him not just medical expertise, but compassion, clarity, and character.

In 2022, global recognition came calling... he was elected a Fellow of the American Academy of Neurology (FAAN), one of the most prestigious honours in the field. In 2023, the Andhra Pradesh government named him the Best Teacher in Medicine, with students and officers alike praising his mentorship and humanity.

But perhaps the greatest moment came when

he returned to where it all began. On November 1st, 2024... exactly 44 years after entering Guntur Medical College as a student, he took charge as its principal. And with that, the boy who had once walked through its gates returned with a mission: to bring back its golden era.

He expanded DM seats. Spearheaded Indo-US medical workshops. Reimagined the institution with a modern, humane touch. His journey, from unnoticed village boy to one of the most respected figures in neurology, became the story GMC would proudly tell for years to come. That boy, that man, is none other than Dr. N. V. Sundara Chary Sir

# KNOW YOUR CAMPUS

Many of us have spent our different phases of MBBS in the present department of Anatomy, and you know that this block is named after SRIMATHI ACHANTA RUKMINAMMA LAKSHMIPATH GARU.

And now going back to WHY?? Because it is fascinating to review the history of the college not only for documentation but also for posterity.





During 1920s the central jail from Andhra Pradesh was in GUNTUR. But then since the area was underdeveloped it was moved to Rajahmundry.

And then the building was allocated to medical school with non-clinical departments. Srimathi Achanta Rukminamma Garu was appointed as then health minister in the state of Madras. During that period Guntur Medical College was not well recognized by **MEDICAL COUNCIL OF INDIA (MCI)**.

She then got the clinical equipment sanctioned by government and launched the college with 50 students on July 1<sup>st</sup>,1946. Thanks to her foundational efforts, the college received full recognition from MEDICAL COUNCIL OF INDIA in 1959.

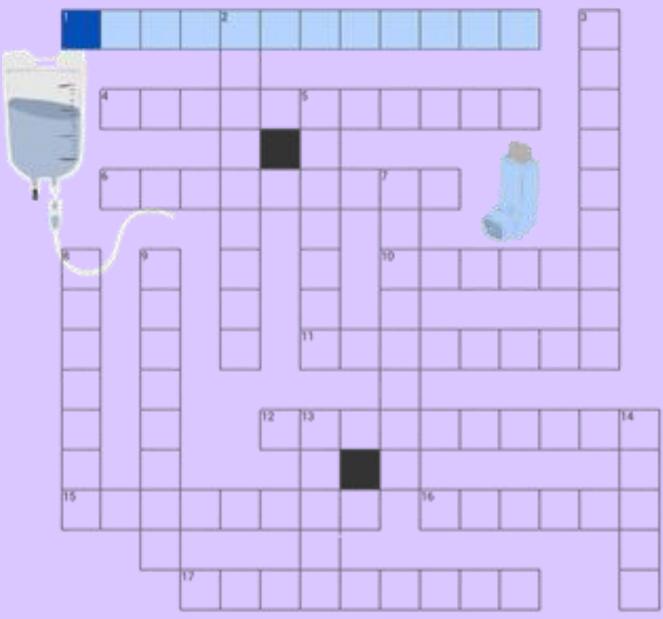
Her strong advocacy ensured the development of essential infrastructure like women's and men's hostels, pathology and physiology blocks.

Her legacy is upheld through college's motto and statue that reflect her vision, dedication and ideals, inspiring generations of students. The GOLD MEDAL FOR BEST OUTGOING STUDENT, named in her honor, continues to celebrate her COMMITMENT TO EXCELLENCE.

"Everything we have today is a testament to her dedication, the tools she provided, and the resources she helped build."

# FUNSTATIC &

MEDWORD...!



### **ACROSS:**

- 1) Abnormally high blood pressure
- 4) Abnormally slow heart action
- 6) Tissue graft from a different species
- 10) Deficiency of red blood cells
- 11) Clouding of the eye lens
- 12) Isolation to prevent disease spread
- 15) Study of heredity and variation
- 16) Cell formed by the union of two gametes
- 17) Study of the nervous system

#### DOWN:

- 2) Use of imaging to diagnose and treat disease
- 3) Cancerous tumor
- 5) Relating to the heart
- 7) Break in a bone
- 8) Involuntary intake of breath
- 9) Connective tissue that connects bones
- 13) Open sore on the skin or mucous membrane
- 14) Swelling caused by fluid accumulation

## Did You Know?

- Your body replaces all the atoms in your body about every seven to ten years. So, in a decade, you're essentially a new "you" at the atomic level.
- The "wisdom teeth" are so named because they typically emerge between 17 and 25, a time when people are supposedly wiser.
- The ancient Egyptians believed that the heart was the centre of intelligence and emotion, and they often discarded the brain during mummification.
- Your fingerprints are not the only unique identifier your tongue print is also completely unique to you.









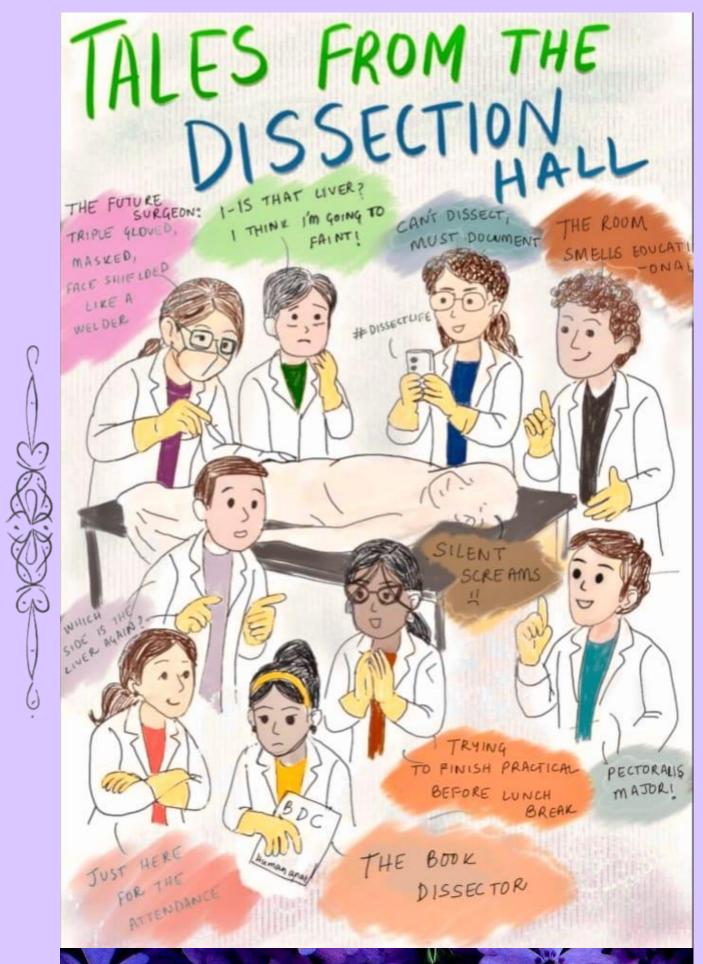






# Riddle Time...!!!

- I. I have branches, but no leaves, a trunk but no bark. I carry life's river, through light and through dark. What am I inside your body?
- II. I get broken without being dropped and given without being held. I'm crucial for life, a story often told. What am I?
- III. What question can you never answer yes to?
- IV. What is always in front of you, but can't be seen?



-Comic by: Priya Manasa, MBBS 1st Year

"Until then, keep your gloves on and your wits sharper!"



# Riddle Time...!!!

- 1) Blood vessels
- 2) A Heart
- 3) Are you asleep yet?
- 4) The Future

# Down

- 2. RADIOLOGY
- 3. MALIGNANT
- 5. CARDIAC
- 7. FRACTURE
- 8. YAWNING
- 9. LIGAMENT
- 13. ULCER
- 14. EDEMA

### Across

- 1. HYPERTENSION
- 4. BRADYCARDIA
- 6. XENOGRAFT
- 10. ANEMIA
- 11. CATARACT
- 12. QUARANTINE
- 15. GENETICS
- 16. ZYGOTE
- 17. NEUROLOGY

# **Academic Calendar**





ANATOMY





MICROBIOLOGY



PATHOLOGY













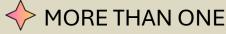














Got something to share? Be a part of our next issue by sending in your write-ups at: gmcnewsletter.editorialboard@gmail.com ...

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