# SCISO CHRONICLES 7TH EDITION









TRIANNUAL ISSUE





# ABLE OF CONTENTS

MESSAGE FROM OUR MENTORS	1
EDITOR'S NOTE	4
• 7 <sup>TH</sup> INDIAN MYELOMA CONGRESS REFLECTIONS	5
• FACULTY LECTURE	9
SCHOLARSHIP SUMMMIT	10
NATIONAL CONFERENCE OF THE	
INDIAN SOCIETY OF HYPOXIA	11
&MOUNTAIN MEDICINE	
• ICMR AND MUHS RESULTS	16
SCISO CLINICAL QUIZZING	21
<ul> <li>ANUSANDHAN INAUGURATION</li> </ul>	24
LAB INAGURATIONS AND DIGNITARY	28
VISITS	
COLLEGE COLORS	32
VIVA I A VIDA G3I	33





#### Mentor's note

Lt Gen PP Rao Director and Commandant AFMC. Pune

As the Commandant of this esteemed college, I am thrilled to present the 7th issue of this newsletter. This moment stands as a tribute to the dedication and determination of our cadets within the Scientific Society (SciSo), whose remarkable talent and innovation continue to enrich our college community.

I would like to express my heartfelt gratitude to the Officer in Charge, Col. Y Uday, whose guidance and encouragement have been instrumental in driving our cadets to take on such meaningful endeavors. His unwavering support has been pivotal in transforming the vision of this newsletter into a reality. I sincerely hope this collection of work will ignite curiosity and inspire our cadets to delve deeper into their intellectual pursuits and to share their achievements with a wider audience.

With this newsletter, I see an inspiring source of motivation and empowerment for our cadets. Each article, research project, and artistic creation featured here reflects the exceptional talent and dedication of our students. I encourage them to continue pushing boundaries, challenging norms, and leaving lasting marks in their chosen fields. May this publication serve as a tribute to their passion and determination, motivating them to dream big, aim high, and build a legacy for future generations.



# Mentor's note

Maj Gen Giriraj Singh **Dean and Deputy Commandant** AFMC, Pune

As the Dean of this distinguished college, it brings me immense pride to witness the passion and energy our students pour into the Scientific Society. Their dedication to scientific inquiry and research stands as a powerful example of what is possible when curiosity meets determination. This special edition of our newsletter celebrates their noteworthy accomplishments, underscoring their exceptional talents and steadfast commitment.

I am certain that these budding scientists and thinkers will continue on this journey of discovery, contributing meaningfully to their fields. Their drive for knowledge and enthusiasm for exploration are the qualities that will lead them to new horizons and impactful achievements.

To our students, I extend my deepest appreciation for embracing the unknown with courage and a thirst for discovery. Your work is an inspiration to us all.

I also want to acknowledge the outstanding team behind this publication. Your attention to detail, dedication, and teamwork have made this newsletter a reality. Through your efforts, we are able to showcase the remarkable contributions of our Scientific Society to a wider audience.

Let this newsletter be a source of pride and inspiration for our entire college community. May it spark curiosity in each of us and motivate us to push the boundaries of science. Together, let us continue building a culture that supports intellectual growth and empowers our students to create a brighter future





#### Mentor's note

Brig Suman Kumar Pramanik HOD, Dept of Internal Medicine AFMC, Pune

In my undergraduate days, the journey with the Students' Scientific Society (SciSo) was a simpler yet impactful experience. A small group of us, eager to present and learn, would gather just a few weeks before the Bombay Medical Congress to prepare our symposium. Following the event, we'd return to our regular academics and co-curricular pursuits, enriched by the knowledge and camaraderie that these gatherings brought.

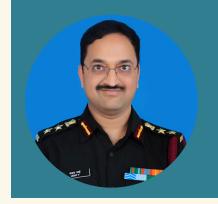
Cadets were now more tech-savvy and had greater exposure to an array of events that expanded their scientific and clinical understanding. The Illuminati conference, among others, brought the experience of organizing a major medical event into their lives early on, enhancing their skills in ways I hadn't seen before. Key events like the Bombay and Bangalore Medical Congresses continued to shape the SciSo calendar, becoming annual highlights for the cadets.

Now, as Head of the Department of Internal Medicine, it is deeply rewarding to see SciSo's growth and its impact. The society has gone beyond conventional boundaries, incorporating groundbreaking initiatives in population screening, health surveys, innovative solutions, and digital healthcare applications. I am confident that the future of SciSo is in great hands!

I envision SciSo as an essential part of AFMC's academic landscape. It serves as a platform where like-minded students can come together, driven by a passion for scientific discovery, to pursue research that pushes the frontiers of knowledge beyond the traditional MBBS curriculum. This society should offer students the opportunity to develop and present their work, both within and outside the institution, nurturing the qualities that will make them exceptional doctors, educators, and researchers.

As these talented students graduate and become alumni, I hope they will continue as lifelong learners, engaged in research, presenting, publishing, and contributing to science. I encourage them to stay connected with SciSo, sharing insights, participating in virtual gatherings, and mentoring current members. Through this ongoing engagement, SciSo will remain a vibrant and ever-evolving society, strengthening both its present and future.

# **EDITOR'S** NOTE



We, the team at SciSo, are thrilled to present the 7th issue of SciSo Chronicles. This newsletter represents our commitment to showcasing the diverse activities and achievements of our scientific society. As the Officerin-Charge of the college's scientific society, I am immensely proud to work alongside such bright and passionate individuals who have brought this newsletter to life through their dedication and commitment to science.

The primary goal of SciSo Chronicles is to offer students a platform that keeps them informed about research opportunities, academic events, field activities, and other achievements within our society. By establishing a regular newsletter, we hope to foster a sense of community, encourage scientific curiosity, and inspire intellectual growth among our cadets. Additionally, it will serve as a record of the significant undergraduate scientific activities within our college.

I hope you enjoy reading this newsletter and gain valuable insights into the scientific endeavors undertaken by our own cadets. We also eagerly anticipate valuable contributions from alumni and faculty members at AFMC, whose continued support nurtures scientific curiosity among our young, motivated minds.

I kindly request all faculty members from various departments to information on undergraduate research activities conducted at AFMC under their guidance for inclusion in future issues of the newsletter.



# **7<sup>TH</sup> INDIAN MYELOMA CONGRESS**



# TH INDIAN MYELOMA CONGRESS

#### REFLECTIONS:M/CDT CELINE RAPHAEL

Participating in the Indian Myeloma Congress 2025 mini oral paper presentation competition was an exhilarating enrichina and experience. Under the guidance of Col Y Uday, I had the opportunity to delve into the complexities of multiple mveloma. refining understanding of its pathophysiology, diagnostics, and evolving treatment strategies.

Preparing for the competition was both challenging and rewarding. I had to distill intricate concepts into a concise and impactful presentation, ensuring clarity while maintaining scientific depth. This process honed my skills in structuring arguments, communicating findings effectively, and handling time constraints—all crucial competencies for a medical professional.





On the day of the presentation, standing before an audience of experts and peers was a moment of both excitement and nervous energy. Answering questions from esteemed judges pushed me to think critically and defend my work with confidence. Securing 3rd place was a gratifying recognition of the effort and passion I had invested in my research. More importantly, the congress provided a platform to engage with likeminded individuals, fostering discussions expanded that mγ perspective on hematological malignancies.

experience has reinforced mγ commitment to research and academic medicine. It has highlighted also the importance of mentorship, as Col Y UdaY's guidance was instrumental in my journey. Moving forward, I aspire to build upon this experience, contribute further to the field of oncology, and continue participating in scientific forums that challenge and inspire me

## 7<sup>TH</sup> INDIAN MYELOMA CONGRESS

#### **REFLECTIONS: M/CDT ROOPIKA PEELA**

The entire experience of Indian Myeloma Conference was an incredible learning oppurtunity and a milestone in my academic journey. As an undergraduate, I felt a mix of excitement and nervousness presenting my paper alongside post-graduates and experienced researchers. It was a challenging environment, but it encouraged me to push my limits and present my work with confidence. Winning the 2nd prize was a humbling and gratifying moment, and it reminded me that dedication and effort can lead to meaningful recognition.

I am deeply grateful for the opportunity to have been part of such a prestigious event. Interacting with and learning from renowned international experts in the field of Myeloma was both inspiring and motivating. Their insights and contributions to the field left a lasting impression on me and reinforced my passion for research.

I am deeply grateful to my mentor, Col Y Uday, for his guidance, encouragement, and unwavering support throughout this journey. Sir has helped us through every step of the journey, from teaching us how to write an abstract to answering the questions with confidence. This experience will be a major highlight for me as an undergraduate, and it has inspired me to work harder and aim higher in my research pursuits. I look forward to carrying the lessons and motivation from this conference forward as I continue to grow in the field of Myeloma research.

# 7<sup>TH</sup> INDIAN MYELOMA CONGRESS

#### REFLECTIONS:M/CDT SAGALDEEP SINGH

Attending the Indian Myeloma Conference was a remarkable experience, as it was my first exposure to a medical conference. Stepping into this academic environment, I got an understanding of how conferences function—how experts share knowledge, researchers present their work, and discussions shape the future of medical advancements.

One of the most enriching parts of the experience was participating in a poster presentation. Preparing for it taught me how to structure my research, present it effectively, and handle questions from an academic audience. I observed how others approached their presentations, gaining insights into their methodologies and presentation styles. While presenting, I made some mistakes, but they became valuable learning experiences. I realized where I could improve. I will carry these lessons forward to ensure I do not repeat them in future presentations.

Seeing different perspectives and innovative research approaches broadened my understanding of myeloma and the ongoing advancements in the field. It reinforced the importance of staying updated with current research and maintaining a critical, inquisitive mindset.

The highlight of the conference was the talks delivered by internationally renowned faculty members. Listening to experts share their knowledge, experiences, and groundbreaking research was truly inspiring. Their insights not only deepened my understanding of myeloma but also ignited a sense of curiosity and motivation to contribute meaningfully to the field of medicine.

Overall, this conference was an eye-opening experience that gave me a glimpse into the world of academic medicine. It reinforced the value of research and continuous learning—things I hope to carry forward in my medical journey.

## **FACULTY LECTURE**



M/CDT ROOPIKA PEELA

A Student Among Faculty: My Experience at Deccan Hematolink

Attending Deccan Hematolink was a special experience — but presenting there as a faculty speaker while still being a medical student was something Ill never forget. This wouldn't have been possible without Col Y Uday, who personally spoke to the organizing secretary to get me this incredible opportunity. Im truly grateful to him for believing in me.

From the moment I walked in, I felt a wave of nervous excitement. Seeing some of the most senior doctors and professors wearing delegate badges while I wore a faculty badge felt surreal. Many people were surprised when they realized I was a student. Some even came up after the talk just to confirm it.

After my session, I was interviewed on camera by the organizing committee. They asked me how it felt to be a medical student presenting alongside such experienced faculty. Speaking honestly about my journey, my preparation, and what I had learned through the experience made me reflect even more on how lucky I was to be there.

There was one moment that really stood out. We were asked to collect our mementos from a desk. When I approached, the staff looked unsure. "Faculty?" they asked, almost not believing it. I had to show my badge to confirm it. Only then did they hand over the memento — a simple gesture, but one that meant a lot to me.

This experience taught me that students, too, can bring value to academic discussions — and that with the right guidance, we can aim much higher than we think. Ill always be thankful to Col Uday and the Deccan Hematolink team for making me feel seen, heard, and included.

#### MEDENGAGE

# **SCHOLARSHIP SUMMIT**

MED CDT KISHOR SUBBURAJ, H3 BATCH



Attending the Scholarship Summit in Delhi was a transformative experience that went beyond academic recognition. From the moment I stepped into the venue, I was surrounded by an atmosphere of intellectual curiosity and ambition. The opportunity to engage with scholars and professionals from various fields exposed me to fresh perspectives and innovative ideas that I had not previously considered

One of the most enriching aspects of the summit was the exchange of ideas during panel discussions and networking sessions. Conversations with fellow researchers challenged my assumptions and encouraged me to think more critically about my work. The feedback I received was invaluable, not just in refining my research but also in understanding its broader impact.

Winning the research grant was an incredible honor, but more than that, it was a moment of validation. It reassured me that the effort I had put into my work was meaningful and had the potential to contribute to my field in a significant way.



The recognition also came with a sense of responsibility—to make the most of this opportunity and push my research to new heights.

Beyond the summit, my time in Delhi was equally enriching. Walking through the city's historical streets and experiencing its vibrant culture provided a much-needed contrast to the academic rigor of the event. The energy of the city was contagious, leaving me inspired and refreshed.

This trip was not just about winning a grant; it was a journey of learning, growth, and self-discovery. I return with renewed motivation, a broader perspective, and a deeper appreciation for the power of research in shaping the future.

## 1ST NATIONAL CONFERENCE OF THE INDIAN SOCIETY OF HYPOXIA & MOUNTAIN MEDICINE



## 1ST NATIONAL CONFERENCE OF THE INDIAN SOCIETY OF **HYPOXIA & MOUNTAIN MEDICINE**

#### REFLECTIONS:M/CDT ELIZABETH PHILIP

Attending the 1st National Conference of the Indian Society of Hypoxia and Mountain Medicine in association with AIIMS Rishikesh and the Nehru Institute of Mountaineering, Uttarkashi, was an unparalleled experience. It privilege to present our research on the correlation between sickle cell trait (SCT) and high-altitude-associated thrombosis —a study led by our esteemed mentor, Col Y. Uday, whom we had the honor of assisting in field research. This was our first time presenting a paper at such a prestigious conference, making the experience both exhilarating and enriching.

The conference provided a remarkable platform to share our findings and discuss our study, which spanned five military hospitals (153 GH, MH Kargil, MH Siachen, WC Chandimandir, and R&R Army Hospital) over two years, involving participants. Our highlighted a significant association SCT hetween and high-altitude thrombosis, with 10.55% of thrombosis cases testing positive for SCT and an overwhelming 82.17% of splenic infarct being SCT-positive. overwhelming response and interest from the audience reinforced the

importance of our study in military and

high-altitude medicine



One of the most remarkable aspects of the conference was the opportunity to interact with experts in various domains of highaltitude medicine. We had the privilege of meeting Lt. Gen. Velu Nair. Prof. Latika Mohan (President of the Indian Society of Hypoxia and Mountain Medicine), and Col. (Retd.) S.P. Singh, who went out of their way to ensure we felt welcomed and comfortable. Their insights into altitude challenges, combined with their encouragement, made a lasting impression on us.

# 1ST NATIONAL CONFERENCE OF THE INDIAN SOCIETY OF HYPOXIA & MOUNTAIN MEDICINE

#### REFLECTIONS:M/CDT ELIZABETH PHILIP

We also interacted with Lt. Col. (Retd.) Anshuman Apte. Col. Bhadauria (Principal. Nehru Institute Mountaineering), and Col. H. Chauhan. who shared his incredible experience of a Trans-Himalayan expedition, including avalanche. survivina an interactions fueled our curiosity about high-altitude medicine and opened our eyes to the vast research possibilities in this field

The conference covered a diverse range of topics, including frostbite studies, molecular genetics, the correlation between cancer and tobacco smoking, and high-altitude thrombosis. Notable sessions included a discussion on mortality trends and risk factors along the Char Dham Yatra route by Dr. Mayank Badola and a presentation on risk and protective factors for acute coronary syndrome in lowlanders at different altitudes.





This conference was a defining moment in our academic journey, marking our first step into the world of research and high-altitude medicine. We are immensely grateful to Col. Y. Uday, whose mentorship and unwavering support made this experience possible. His dedication to research and encouragement have been instrumental in shaping our approach toward scientific inquiry.

As we transition into our internship and future roles in the armed forces, this experience will serve as a strong foundation for our medical careers. The exposure, learning, and connections we built at this conference have ignited our passion for high-altitude research, and we look forward to contributing to this field in the years to come.

## **1ST NATIONAL CONFERENCE** OF THE INDIAN SOCIETY OF **HYPOXIA & MOUNTAIN** MEDICINE

#### REFLECTIONS:M/CDT HARSHIT KUMAR PRABHAKAR

Participating in the 1st National Conference of the Indian Society of Hypoxia and Mountain Medicine, held in collaboration with AIIMS Rishikesh and the Nehru of Mountaineering Institute (NIM), Uttarkashi, was an eye-opening experience. Presenting our research on the incidence of sickle cell trait (SCT) in high-altitude (HA) soldiers and the feasibility of pre-induction screening was both an academic challenge and an invaluable learning opportunity.

Our study, conducted under the mentorship of Col Y. Uday, spanned two years across N Area, Delhi Transit Camp, and GREF Base Camp, with a sample size of 1000 individuals. The research sought to address a critical gap: Why does the Indian Army not One of our screen soldiers for SCT before deployment, unlike other militaries such as the US Army? Given the life-threatening risks of SCT at high altitudes, implementing a simple point-of-care testing (POCT) device developed by Mayo Clinic in collaboration with Col Uday—could provide a costeffective solution.

As undergraduate students, presenting at a conference of this magnitude was both daunting and exhilarating. Despite the pressure, we were well-prepared and articulated our findings with clarity. The discussions that followed reinforced the significance of our work and highlighted the broader implications of SCT screening in military medicine.



greatest strengths was preparation and delivery. We ensured that our presentation was structured, clear, impactful, making complex data accessible to the audience. The confidence and fluency with which we communicated our research were highly appreciated, especially given that we were the only undergraduate presenters at the conference.

However, our discussions with experts also pointed to areas for refinement. One key concern raised was the potential sociocultural and military implications of pre-induction SCT screening. If screening were implemented. would it disproportionately exclude recruits from India's sickle belt, thereby impacting regional representation in the armed forces? This ethical and logistical dilemma is something we had not fully considered and is an area that warrants deeper exploration

## **1ST NATIONAL CONFERENCE** OF THE INDIAN SOCIETY OF **HYPOXIA & MOUNTAIN** MEDICINE

#### REFLECTIONS:M/CDT HARSHIT KUMAR PRABHAKAR

This conference was more than just an academic event—it was a transformative experience that deepened our curiosity about high-altitude medicine and reinforced our commitment to evidence-based military healthcare. Presenting our research in front of distinguished experts, engaging in stimulating discussions, and gaining exposure to cutting-edge studies has been invaluable.

We owe a debt of gratitude to Col Y. Uday, whose mentorship and vision made this opportunity possible. His dedication to bridging research with practical solutions has been truly inspiring. As we move forward into our internship and military careers, this experience will serve as a foundation for our growth in medical research and high-altitude physiology. We look forward to applying these insights to future challenges in military medicine.





# ICMR AND MUHS RESULTS

TOTAL ICMR SELECTIONS:7
TOTAL MUHS SELECTIONS:6

#### **ICMR SELECTIONS 2025**

1. Name of Student- Ved Jere
Name of guide- Lt Col Anirbhan Bhattacharya
Topic- Comparative study on effect of Yoga versus
Endurance exercise on pulmonary function and
quality of life in patients of Interstitial lung disease
and Pulmonary fibrosis.





2. Name of student:Aman Deep Prasad
Name of guide;Col Sanjay Sharma
Topic- Study of Average Gestational Weight Gain,
Maternal and Neonatal Outcomes in Women with Normal
Pre-Pregnancy BMI at a Tertiary Care Hospital in Western
Maharashtra

3. Name of student: Samdisha Dua Name of Guide: Lt Col Deeptika Aggarwal Topic: Study of Iron deficiency anemia as a cause for errors in HbAlc concentration.



# **ICMR AND MUHS RESULTS**

**TOTAL ICMR SELECTIONS: 7 TOTAL MUHS SELECTIONS: 6** 

4. Student name: Med Cdt R Harini Sri. Guide name: Lt Col (Dr) Suprita Kalra

Title: To study the compliance to medication and home urine protein monitoring in children with

nephrotic syndrome





5. Student name: Med Cdt Sreva Sreedharan E Guide name: Lt Col (Dr) Aditya Pawar Title: To compare and assess the efficacy of nano silver dressings and hydrocolloid dressings in wound healing in Diabetic Foot Ulcers(DFU)

6. Student name - Shail Sood Name of guide - Lt Col Aseem Yadav Topic - Effect of metabolic syndrome on obstructive airway disease



# ICMR AND MUHS RESULTS

TOTAL ICMR SELECTIONS: 7
TOTAL MUHS SELECTIONS: 6

7. Student name : Vikash Kumar Name of guide : Lt Col Manish Bhartiya Topic : Prevalence of anxiety and depression disorders in patients with epilepsy in a tertiary centre in Western Maharashtra : A cross sectional study



#### **MUHS SELECTIONS 2025**



1.Student name : Sukirtee Jhala
Name of guide : Lt Col SP Panda
Title : Assessment of psychological well-being
and its determinants in undergraduate medical students in
India : A cross sectional study

2.Student name - Reshma Goel Name of guide - Col Swati Bajaj Topic- Impact of Health education on sexual and reproductive

knowledge ,attitude and practices amongst adolescents in an urban school in Maharashtra : An interventional study



# ICMR AND MUHS RESULTS

TOTAL ICMR SELECTIONS : 7
TOTAL MUHS SELECTIONS : 6



3. Student name - Nishant Choudhary
Name of guide - Col Nitin Bajaj
Topic - Anxiety disorder among patients of acute
myocardial infarction in a tertiary

4.Student name: Nikhil Kumar Jha
Name of guide: Lt Col Santosh Kumar Singh
Topic: Survey of knowledge attitude practice
concerning insulin use in adult diabetic patients at a
tertiary care hospital.





5. Student name - Rithesh Singh
Name of guide - Col Pradeep Behal
Topic- To study the association between plantar thermogenic patterns in the elderly diabetic population with or without peripheral neuropathy

# ICMR AND MUHS RESULTS

TOTAL ICMR SELECTIONS: 7
TOTAL MUHS SELECTIONS: 6



# WORLD TB DAY QUIZ 2025

CADET INCHARGE-Rane Aaditya Ninad(J3) Venkateswaran C(J3)

The world TB day quiz 2025, was conducted by the Students' Scientific Society in collaboration with the Department of Respiratory Medicine, Army Institute of Cardio Thoracic Sciences (AICTS); on 24th March (Preliminary and Final Rounds).

The quiz was conducted on occasion of World TB Day 2025 with the slogan in view - "Yes! We can end TB: Commit, Invest, Deliver".

A total of 277 Quizzers (UGs as well as PG residents) from all over India participated in the quiz.

Only Lone wolf participation was allowed.

Out of them, 5 of the highest scoring participants in the Prelims progressed to the finals.

The finals were conducted the same day, in six rounds: Dry Round/Trivia, Signs, Pharmacotherapy and drug resistance, Microbiological aspects and a Döppelgangers round.

There being a tie for the second position, 4 highest scoring individuals, (the winners), include:

- 1st Position: Maj (Dr.) Amol Bausakar Armed Forces Medical College, Pune Prizes: ₹15,000 Cash prize
- Joint 2nd Position: Dr. Krishnapriyaa Madurai Medical College Prizes: ₹5,000 Cash prize
- Joint 2nd Position: Dr. Venkateshkumar JSS Medical College
   Prizes: ₹5.000 Cash prize

Joint 2nd Position: Dr. Gokul - JIPMER Prizes: ₹5,000 Cash prize



# NATIONAL LEVEL MYELOMA QUIZ 2025

#### CADET INCHARGE- Rajvardhan Acharya (J3)

The National Level Myeloma quiz, was conducted by the Students' Scientific Society in collaboration with the Indian Myeloma Academic Groupe (IMAGe); on 30<sup>th</sup> March (Preliminary Round) and 31<sup>st</sup> March (Finals). The quiz was conducted as a part of Myeloma Awareness Month, the month of March.

A total of 88 teams from all over India participated in the quiz. Teams of three, two and solo participation was allowed. Out of them, 5 of the highest scoring teams in the Prelims progressed to the finals.

The finals were conducted the following day, in four rounds, Echoes of the Past, Recent Advances, Cracking the Case and a Rapid Fire Round.





The three highest scoring teams, (the winners), include:

- 1st Position: Abhishek, Advyadh and Akshara Govt Medical College, Kozhikode Prizes: Yatra vouchers worth ₹10,000 and 100 percent travel grant to Illuminati-2025.
- 2<sup>nd</sup> Position: Aditi Raghav and Archit Singh-Army College of Medical Sciences, Delhi Prizes: Yatra Vouchers worth ₹5000, and 50 percent travel grant to Illuminati-2025
- 3<sup>rd</sup> Position: Pravinkumar, Aravind and Adit Nair- Jawaharlal Institute of Postgraduate Medical Education and Research, Puducherry Prizes: Yatra vouchers worth ₹2500, and 25 percent travel grant from Illuminati-2025

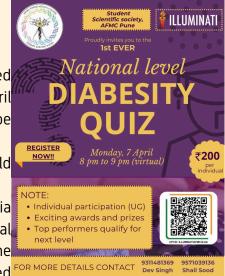
# DIABETES QUIZ 2025

CADET INCHARGE- Dev Singh (J3), Shail Sood (J3)

The National Level Diabesity quiz, was conducted by the Students' Scientific Society on 7th April (Preliminary Round) and the Finals are yet to be conducted.

The quiz was conducted as a part of World Health Day, the month of April.

A total of 59 participants from all over India participated in the quiz. Only Individual participation was allowed. Out of them, 5 of the highest scoring teams in the Prelims progressed to the finals.

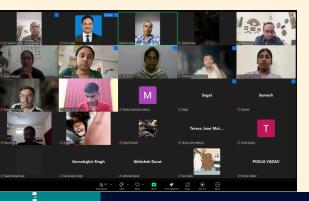


The three highest scoring participants in Preliminary round include:

1st Position: Akshita Jain - Seth GS Medical College

2nd Position: Debayan Banerjee – Seth GS Medical College

3rd Position: Kshitij Desai – AIIMS Patna





## ANUSANDHAN INAUGURATION

ANUSANDHAN stands as a symbol of academic excellence and innovation. It proudly showcases the article publications and research achievements of our cadets, reflecting their dedication to scientific inquiry and intellectual growth. This room serves as a hub of inspiration for aspiring minds, offering a glimpse into the diverse contributions made by cadets in various medical and scientific fields. Each publication displayed is a testament to the hard work, discipline, and scholarly spirit nurtured within our institution. The room was inaugurated with great pride by the General Officer Commanding-in-Chief, Southern Command, on 28th March 2025. His presence added immense value to the occasion, marking the beginning of a new era of academic motivation and recognition. The Scientific Society Room not only honors past accomplishments but also encourages current and future cadets to strive for excellence and contribute meaningfully to the world of science and research.







## AAKARJAN INAUGURATION

The 3D Printing Lab at AFMC, named Aakarjan, was inaugurated by DGAFMS Surgeon Vice Admiral Arti Sarin, marking a new milestone in medical innovation and education. This cutting-edge facility is designed to support rapid prototyping, hands-on learning, and creative research for students and faculty. Equipped with advanced 3D printers, the lab will be instrumental in creating anatomical models, surgical guides, prosthetic prototypes, and educational aids. Its applications span across clinical practice, surgical planning, and medical training, offering a bridge between technology and healthcare.





During the inauguration, SVA Arti Sarin emphasized the transformative potential of 3D printing in personalizing patient care and advancing medical research. The vision of Aakarian is to foster innovation. interdisciplinary collaboration, and skill development, preparing future healthcare leaders to think creatively and translate ideas into impactful healthcare solutions. The lab symbolizes AFMC's commitment to staying at the forefront of technological advancement in medicine.

## ANVESHAN INAUGURATION

ANVESHAN — Advanced Network for Value-driven Experiments in Science, Healthcare, **Artificial Intelligence, and Nanotechnology** — embodies the spirit of discovery, critical inquiry, and innovation. It reflects the ethos of young researchers and innovators, inspiring a relentless pursuit of knowledge and problem-solving.

The ANVESHAN Laboratory was inaugurated on 22nd April 2025 by the Director General of the Armed Forces Medical Services (DGFAMS). Its establishment marks a major step towards fostering interdisciplinary, hands-on research and innovation-driven learning in emerging sectors.

The lab features four specialized workstations:

Welding Section: Offers training in metal joining and fabrication, building practical engineering skills.

Mechanical Prototyping Section: Bridges theory and application through design, construction, and evaluation of prototypes.

Electronics Section: Equips students with resources to explore circuits, robotics, and automation technologies.

Heavy Tool Section: Introduces industrial techniques like plastic injection molding, emphasizing real-world manufacturing processes.

The ANVESHAN Laboratory is not just a facility but a platform for nurturing curiosity, creativity, and technical excellence, empowering young minds to transform ideas into



## The Planning and Execution of Tinkering Lab









#### From Bricks to Bytes











#### ANUSANDHAN INAUGURATION



#### **ANVESHAN INAUGURATION**





#### **AAKARJAN INAUGURATION**







### DGMS (ARMY) LT. GEN SADHNA SAXENA NAIR AVSM VSM (T BATCH) VISITS

#### **ANVESHAN, AAKARJAN AND ANUSANDHAN**







## LADY WITH THE COLOURS: FG OFFR ADITI MAHAJAN

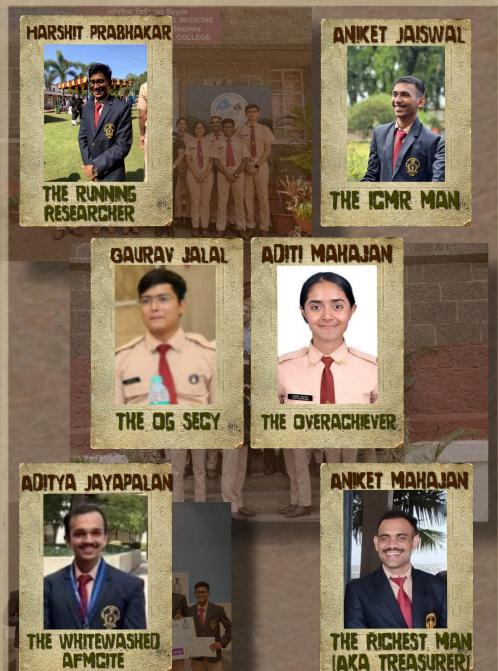
After thorough scrutiny and meticulous assessment, Fg Offr Aditi Mahajan of G3 was awarded the prestigious College Colors for her contributions towards Student Scientific Society by the Dean, Maj Gen Giriraj Singh.

Along with academic excellence Aditi has achieved the following laurels:

- symposium **Bangalore**  Winner of medical congress 2022
- Illuminati symposium 2022
- Part of winning team in Australian National University Hackathon -2022
- · Was a part of field study on sickle cell Anemia
- · Presented oral paper at Hematocon, 2023
- · Presented paper and only ug finalist at NMUD paper presentation



# VIVA LA VIDA G3!







#### TRIANNUAL ISSUE



# SCI-SO

CHRONICLES

**ISSUE EDITORS** 

MED CDT CHAITHANYA VINU I3 MED CDT ALKA MAVATH I3

