

INDIAN SOCIETY OF AEROSPACE MEDICINE



ANNUAL NEWSLETTER

2025





ISAM NEWSLETTER 2025

FROM THE PRESIDENT'S DESK

It is with great pleasure and a profound sense of responsibility that I address you from the President's desk in the latest edition of the ISAM Newsletter 2025. As President of our distinguished society, I am deeply honoured to lead a community of professionals dedicated to advancing the field of aerospace medicine in India. The society has a rich history of promoting excellence in the field, and we have continuously strived to ensure the safety and well-being of those who explore the skies and beyond.



2025 stands as a landmark year, not just for the Society, but for India's human spaceflight aspirations. Our members provided crucial Flight Surgeon support to the AXIOM-4 mission to ISS, a historic endeavour that saw an Indian Astronaut successfully participate in an 18-day scientific mission aboard the International Space Station. Furthermore, the successful conduct of India's maiden indigenous Space Analog Mission, 'Anugami', marks a colossal leap in validating our astronaut selection and training protocols, laying a firm foundation for the Gaganyaan program.

Society members have contributed effectively to further the progress of the specialty in India and Abroad. This year saw a major international presence with our delegates actively participating and presenting at the 95th AsMA-UHMS Annual Scientific Meeting in Atlanta, USA and the 71st International Congress of Aviation and Space Medicine (ICASM) in Singapore. The international representation of our society members at these prestigious forums is a testament to the global standards we maintain.

I convey my sincere gratitude to all the Society members for the support rendered and wish everyone a very happy 64th Annual Conference of the Society this year.

Jai Hind!





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SOCIETY ACTIVITIES & ACHIEVEMENTS BY ISAM MEMBERS

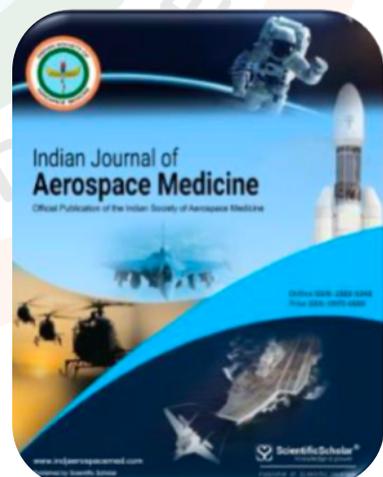
- **NEW PRESIDENT OF ISAM**

Air Mshl Sandeep Thareja, SM, VSM & Bar succeeded Air Mshl Rajesh Vaidya, AVSM, VSM as President of ISAM on 10 Feb 25. An alumnus of AFMC Pune, he was commissioned into the Army Medical Corps in 1986. He completed his Post-graduation in Internal Medicine (Delhi University, 1997), DM Gastroenterology (AIIMS, 2005) and graduated from NDC in 2018. He has served in senior administrative roles, including Commandant AFMC, Senior Consultant Medicine at O/o DGAFMS, Commandant CH (Central Command), Brig IC Adm & Cdr Tps at BHDC & Commandant 167 MH. He is also the Commodore Commandant of IAM.



- **INDIAN JOURNAL OF AEROSPACE MEDICINE (IJASM)**

IJASM achieved a landmark milestone by **getting indexed in EMBASE in January 2025** which could only be accomplished by the tireless and selfless contributions of present and erstwhile members of the editorial committee. This significant recognition, enhances the journal's visibility and global reach and all efforts are being made to ensure higher indexing by ensuring timely publication of every issue, improving the quality and increasing the number of submissions and published articles, while strategically widening the scope to include research from other allied specialties.





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- **AIR MARSHAL PM SUNDARAM TRAVELLING FELLOWSHIP – SPREADING AWARENESS IN AEROSPACE MEDICINE**

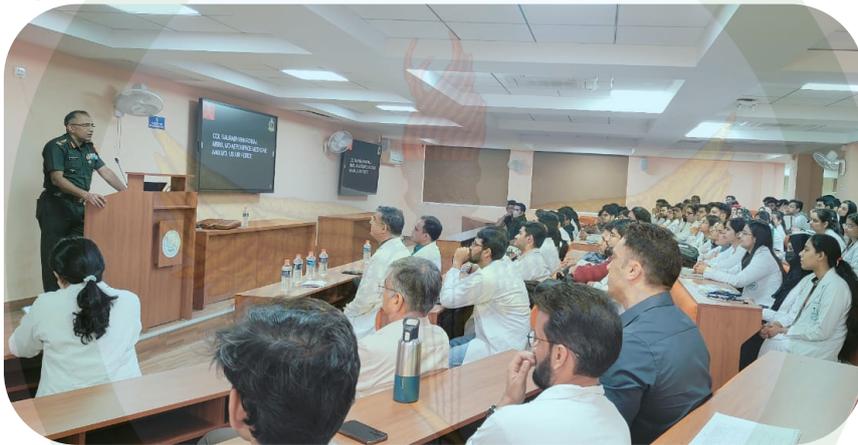
Gp Capt NK Tripathy was nominated as the Travelling Fellow for the year 2024-25 and held various lectures and seminars to spread awareness about the speciality. He undertook interactions at 5 Medical colleges namely Bhima Bhoi Medical College & hospital, Balangir; VSS Institute of Medical Sciences and Research, Burja; Kalinga Institute of Medical Sciences, Bhubaneswar; Hi-Tech Medical College & Hospital, Bhubaneswar & AFMC Pune. The lecture series was exceptionally well-received, marked by encouraging and lively interactions with students from various medical colleges. An estimated 1,000 attendees gained valuable insights into career prospects, cutting-edge research opportunities, and life within the Indian Air Force as an Aerospace Medicine Specialist. This engagement made the lectures a resounding success in significantly promoting awareness of the speciality.





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Col Saurabh Bhardwaj delivered 2 engaging guest lectures to medical students of HIMSR (Hamdard Institute of Medical Sciences & Research) & NIIMS (Noida International Institute of Medical Sciences) to provide awareness & guidance for the practice of the unique speciality of Aerospace Medicine. The session motivated and encouraged students by detailing the specialized nature of the field, which involves protecting the health and performance of aircrew and astronauts in extreme environments. The lectures covered the unique challenges of aviation physiology, the critical role of military doctors in ensuring mission safety, and the comprehensive career opportunities available to young doctors in the field of Aerospace Medicine.





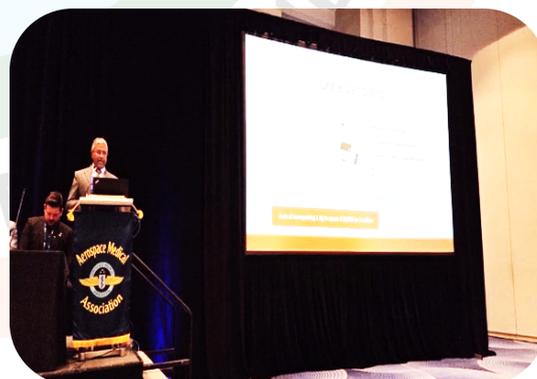
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- **INTERNATIONAL PRESENCE BY ISAM MEMBERS**

The **95th Annual Scientific Meeting of the Aerospace Medical Association (AsMA) and the Undersea and Hyperbaric Medical Society (UHMS)** was held at Atlanta, GA, USA, from June 1–6, 2025 wherein approximately 1784 participants from the United States and more than 55 countries from all over the world were in attendance. The theme for the Annual Scientific Meeting was **“Innovation: Journey to the Future.”** The conference mainly focused on the following six major categories: Aerospace Medicine, Space Medicine, Medical Standards, FAA Medicals, Human Performance, and Accident Investigations. There were a total of over 80 sessions in this conference. The scientific program featured over 500 presentations, including slide and poster presentations, across the full spectrum of aerospace, undersea, and hyperbaric medicine.



Air Marshal Shankar Subramanian attended the conference as an ISAM sponsored delegate & presented his research on ‘, Development of a Compact, Point of Care low Cost Osmometer to Measure Urine Osmolality in Space’ This was one of the presentations in the session on *Space Medicine – Toolled for Space*





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Wg Cdr Devdeep Ghosh attended the conference as an official delegate & presented on '*Impact on Lifestyle and genetic Predisposition on HASH: Exploring AI as a Predictive Tool.*' during the scientific session titled 'Clinical Medicine – Fast Beats & High Peaks'.

Sqn Ldr Anubhav Upadhyay attended the conference as an ISAM sponsored delegate & presented on '*Immediate Effects of Screen Time on Sleep Quality & Mental Fatigue in Healthy Adults*' during the session 'Human Performance – Aeromedical Capability & Performance.'



Flt Lt Neha Rao attended the conference as an official delegate & presented on '*Nine step Tympanometry- Screening tool for Eustachian Tube Dysfunctions*' during the session 'Human Performance – Visual and Vestibular Physiology and Performance.'





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The **71st International Congress on Aviation & Space Medicine (ICASM)** was held at Singapore from **27 – 30 Oct 2025**. The conference included 15 scientific sessions, a Plenary Lecture, and two panels, covering major areas like Space Medicine, Aviation Mental Health, Clinical Medicine, Human Factors and Military/Civil Aviation. Approximately 120 speakers in the main sessions along with 30 poster presentations. The conference aimed to unite international aviation and space medicine professionals and its theme, "**Soaring Towards New Horizons**" highlighted a program focused on the latest advancements and emerging trends in the field of Aerospace Medicine.



A delegation team consisting of one ISAM sponsored delegate and three official delegates participated in the Congress and presented their scientific research. All three presentations generated significant enthusiasm and interest among the audience.



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Lt Col Srinivas Bhattachar presented on '*Comparison of Intermittent Hypoxia at High Altitude and Routine Acclimatisation – A Pilot Study*'. This presentation was slotted in the session on 'High Performance Aviation, Acceleration, Altitude & Hypoxia' scheduled at 1115 Hr on 29 Oct 25. The session was moderated by Prof Tracy Smart and Dr Kenneth Fong.



Wg Cdr Deepan Rai presented on '*Hypoxia Hangover Following Exposure to Simulated Hypobaric Hypoxia*'. The presentation was slotted in the session on High Performance, Aviation, Acceleration, Altitude & Hypoxia' scheduled at 1145 Hr on 29 Oct 25. The session was moderated by Prof Tracy Smart and Dr Kenneth Fong.

Sqn Ldr Nandishwar Rathore presented on "*A Comparison of Subjective and Objective Measures of Vestibular Adaptation in Rotary Chair Among Indian Military Aircrew*". This presentation was included in the session on 'Military Aviation Medicine' scheduled at 1630 Hr on 28 Oct 25. The session was moderated by Dr Hernando Ortega & LTC(Dr) Dominic Tan.





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Dr Biswajit Sinha (Sc 'F') attended the conference as an ISAM sponsored delegate & presented on '*Blood Flow Dynamics in Carotid Artery During Simulated Microgravity and Lunar Gravity*'. The presentation was slotted in the session on Space Medicine at 1500 Hr on 27 Oct 25. The session was moderated by Dr Joseph Dervay and Dr Annette Sobel.



Dr Punita Masrani & Dr Sunita Dara, reputed Life members of ISAM & practicing Aviation Medical Examiners moderated the revered Ernsting Panel on 'New Paradigms and Approaches in Aviation Mental Health' and the panel on 'Women in Aviation' respectively, adding another feather in ISAM's hat. **Wg Cdr BK Umesh Kumar (Retd)**, an ISAM life member was also elected as a member of the ICASM during the conference.





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- **ESTABLISHMENT OF ICMR-CAR IN SPACE PSYCHOLOGY AT IAM**

The sustained efforts of AVM Anupam Agarwal, VSM (Retd), then ACAS (Med) & Dr CHN Sowgandhi (Sc'F') led to the establishment of 'Centre for Advanced Research in Space Psychology' for selection & training of Astronaut Designates & Astronauts.



- **FLIGHT SURGEON SUPPORT TO AXIOM-4 MISSION TO ISS**



Gp Capt Punyashlok Biswal, an Associate Fellow of the ISAM, represented India as the Flight Surgeon to Gp Capt Shubhanshu Shukla for the Axiom-4 mission, a private spaceflight to the International Space Station. During this mission, he was deployed to Cape Canaveral, Florida for the quarantine and pre-launch phase, and later to Houston, Texas, for the orbital, recovery and rehabilitation stages. The lessons learnt from this mission are contributing to the refinement of medical protocols for Gaganyaan, India's maiden human spaceflight mission.



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- CONDUCT OF 'ANUGAMI' SPACE ANALOG MISSION AT IAM



In a pioneering step for India's Human Space Program, The Indian Air Force enabled a 10-day space analog mission at IAM in collaboration with ICMR Centre for Advanced Research in Space Psychology. Aerospace Medicine specialists provided domain expertise and flight surgeon support to ANUGAMI, the country's maiden high fidelity space analog mission.





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- **INAUGURATION OF ICMR-CAR IN SPACE PSYCHOLOGY BY SHRI RAJNATH SINGH, HON'BLE RAKSHA MANTRI**

On 09 March 2025, Raksha Mantri Shri Rajnath Singh made a historic visit—the first by a Raksha Mantri to IAM. He received a briefing on IAM's unique role in pilot training, medical evaluation, and aeromedical research. Shri Rajnath Singh subsequently inspected key training facilities including the High Performance Human Centrifuge for high-G training of fighter pilots and the Spatial Disorientation Simulator. The visit was also marked by the launch of a significant initiative: an ICMR Extramural Research Project: Centre for Advanced Research titled '*Space Psychology: Selection and Behavioural Health Training of Astronauts & Astronaut Designates for Indian Space Missions*' in presence of Air Chief Marshal AP Singh, PVSM, AVSM Chief of the Air Staff.



सत्यमेव जयते





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Underscoring the field's importance, he lauded IAM's substantial contributions to self-reliance in the aerospace sector, noting its vital aero-medical consultancy in the design and development of indigenous platforms such as the ALH, LCA Tejas and the upcoming AMCA project.



- **AAMIMO COURSE**

Lt Col Kishore K Dalapati & Wg Cdr Avinash BK were selected and underwent the prestigious *Advanced Aerospace Medicine for International Medical Officers (AAMIMO)* course in US School of Aerospace Medicine (USAFSAM) at Wright Patterson Air Force Base, Ohio from 04 Jan to 26 Jun 25. Wg Cdr Avinash BK was awarded the distinguished 'Propwash' award for the course, continuing the legacy set by his predecessors.

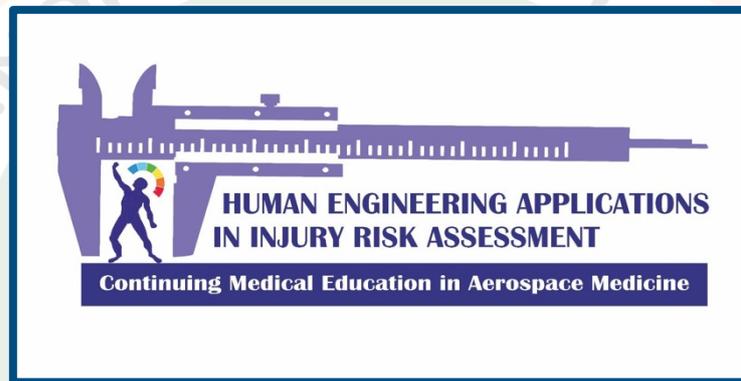




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• CONTINUING MEDICAL EDUCATION - 2025

The Continuing Medical Education (CME), with the theme '**Human Engineering Applications in Injury Risk Assessment**,' was successfully conducted over two days from 20-21 Aug 25 at IAM, IAF. The event commenced with a Plenary Session which included a Welcome Address by Air Cmde Rajesh Kumar, Commandant IAM, the Inaugural Address by AVM Renuka Kunte, PMO HQTC and the formal Release of the CME Souvenir by the Chief Guest.



The scientific program dedicated to cutting-edge concepts in aircrew and human space mission safety featured 05 distinct scientific sessions. The 1st session focused on *Ejection Seat and Advanced Concepts*, discussing the integration of these systems into IAF Platforms like the HTT-40, Hawk Mk-132, Pilatus PC-7 and LCA. The 2nd session highlighted the *role of Indian Aviation stakeholders* with speakers from HAL, ARDC, DEBEL and CEMILAC discussing escape systems, LSS design and the Hawkeyed airworthiness & certification process. The final session of Day 1, Scientific Session 3, addressed *Aircrew Helmet Design Concepts* vis-a-vis Injury Risk, covering the evolution of helmets, the design concepts of Helmet Mounted Devices (HMDs) and their integration into IAF platforms.





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Day 2 opened with the 4th scientific session which focussed on *Injury Risk Assessment in Human Space Missions* with topics including the human effects of technical failures and the medical risk assessment models used in space operations. This was followed by the final scientific session on *Injury Risk Potential and Assessment: Through the Eyes of the Flight Surgeon* which explored human factors in aircraft crash survival, aeromedical evaluation post-rehabilitation, and relevant injury risk assessment guidelines.

The CME culminated in a stimulating Panel Discussion titled, '*Human Engineering Challenges at IAM: A Walk Through the Memory Lane*,' which was moderated by Gp Capt YS Dahiya, CRO, IAM. The four distinguished panellists – AVM Pankaj Tyagi (Retd), Surg Rear Adm R Ravi (Retd), Air Cmde Vipin Sharma & Gp Capt NK Tripathy provided insights and mentored the young Aerospace Medicine Specialists in the audience .





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63rd ANNUAL CONFERENCE OF THE ISAM

The Indian Society of Aerospace Medicine organised its **63rd** Annual Conference at IAM IAF, Bangalore from 05 - 07 Dec 25 on a hybrid platform. The 63rd Annual Conference of ISAM played a pivotal role in promoting collaboration, knowledge exchange, and innovation within the aerospace medicine field. The **hybrid online-offline platform** of the Conference not only facilitated discussions on cutting-edge research and technologies but also helped to strengthen the network of professionals working towards enhancing safety and well-being in aviation and space exploration. The conference was attended physically by 164 members and online by around 88 representatives inclusive of Armed Forces Medical Officers, IAF Aircrew, representatives from DRDO, ISRO & Aviation Industry and the past Presidents of the Society. A total of 15 scientific sessions & 04 poster session were held. A total of Ninety scientific papers including scientific posters, speaking posters, panel discussions and closed-door sessions were presented during these scientific sessions.

COLLABORATE
FOR
RESEARCH



सहकार्यम कुर्वन्तु शोधम



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• THE CONFERENCE THEME AND THE LOGO

This year, the 63rd ISAM Annual Conference honours inter-institutional collaboration with the theme “सहकार्यम कुर्यन्तुशोधम” which means “Collaborate for Research”. Over the past few years, visionary leaders at the Institute of Aerospace Medicine have signed MOUs with national organisations such as ISRO, C-CAMP and ICMR. When Institutions break-down their silos, diverse experiences and expertise inspire fresh approaches, while pooled resources and equipment encourage creativity and Innovation.

The conference logo this year also embodies the spirit of innovation and collaboration. It moves away from a traditional circular design, to a bold display of the Indian Society of Aerospace Medicine (ISAM) as the substratum which holds the spirit of collaboration in the form of two meeting hands at its centre. The commitment to “Collaborate for Research” is inscribed in Sanskrit, which embodies the foundation that propels us forward and yet connects us to our roots.

• PLENARY SESSION OF THE 63rd ANNUAL CONFERENCE

The Conference was inaugurated on 05 Dec 2024 at 1130 h by Air Marshal SP Dharkar, PVSM, AVSM, the Vice Chief of the Air Staff. Air Marshal Nagesh Kapoor, AVSM, VM, AOC-in-C Training Command IAF, senior Air Officers of HQ TC and local units, Ex-Commandants IAM and senior veteran Aerospace Medicine Specialists were some of the important dignitaries who graced the occasion. The session started with an audio-visual presentation on the history and achievements of the ISAM. Following the welcome address by Air Cmde Rajesh Kumar, Commandant IAM, the presidential address was delivered by Air Mshl Rajesh Vaidya VSM, then DGMS (Air) & President ISAM which was followed by the Inaugural Address by the VCAS.





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• AIR MARSHAL SUBROTO MUKERJEE MEMORIAL ORATION

The Air Marshal Subroto Mukherjee Memorial Oration was delivered by Dr. **VR Lalithaambika**, PhD, Professor in Aerospace Engineering at IIT Madras. She who was with ISRO for a career spanning 30 years before she entered academia. The topic was 'The Next Giant Leap: My Reflections on India's Human Spaceflight Programme'. This oration detailed India's indigenous capabilities—spanning launch vehicles, mission design, and re-entry—that had positioned ISRO for the Gaganyaan human spaceflight program. It highlighted the program's human-centric nature and the crucial contributions of national partners, notably the Indian Air Force and the Institute of Aerospace Medicine. Successfully demonstrating initial capability was set to pave the way for future extended duration LEO and exploratory deep-space missions. The talk concluded by addressing the long-duration challenges like heavy lift, regenerative life support, space situational awareness, and the necessary technological and human-related capabilities India needed to build to achieve these ambitious goals.





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• AIR VICE MARSHAL MM SRINAGESH MEMORIAL ORATION

The Air Vice Mshl MM Srinagesh memorial oration was delivered by **Dr Kartik Kalyanram** who is a distinguished physician and public health leader and an Aerospace Medicine Specialist. He served with distinction in the Indian Air Force (1982-1999) and later founded the 'Rishi Valley Rural Health Centre' to champion equitable rural healthcare. His research, supported by ICMR and Monash University, focuses on vascular health and hypertension control in rural India, resulting in 18 peer-reviewed publications on scalable community health models. The oration addressed the critical gap in quality healthcare for the Below Poverty Line (BPL) rural population. Dr. Kartik Kalyanram established the Rishi Valley Rural Health Centre (RHC) in 1999 to provide outpatient care, using robust diagnostic facilities as its backbone. The RHC became known for its holistic management of Non-Communicable Diseases (NCDs) and its involvement in research, including studies on hypertension. Drawing on his IAF experience, Dr. Kalyanram demonstrated that quality, patient-centric healthcare is achievable even in low-resource settings.





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• AVM JHF MANEKSHAW PANEL

The **JHF Manekshaw Panel** was delivered by two eminent speakers; **Dr SL Vaya**, Project Head of Security and Scientific Technical research Association (SASTRA) at Rashtriya Raksha University (RRU) & **Dr Hanamantray Baluragi**, Director, Directorate of Human Space Program. Dr SL Vaya discussed how human experience is shaped by two distinct "minds"—the automatic, emotional experiential mind and the analytical rational mind. Advancements in digital and AI-powered behavioral forensics (like LVA and BEOS) leveraged psycho-physiological indicators to detect deception, reveal behavioral intent, and offered new potential for clinical healing and self-awareness. The discussion by Dr Hanamantray Baluragi highlighted collaborative research as a powerful paradigm, citing successes like the Higgs Boson and India's early space program which began with international partnerships in 1963. India's current Gaganyaan human spaceflight program continued this vital strategy, featuring collaborations with Russia and France, and national partners, proving that effective cooperation is crucial for future goals like the Bharatiya Antariksh Station (BAS) and lunar missions.

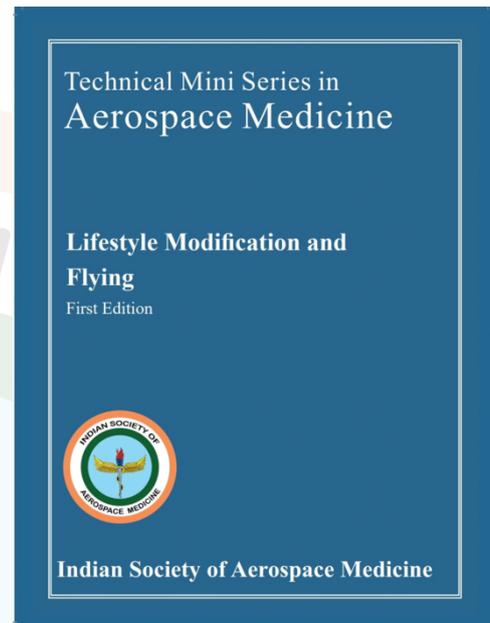




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- **TECHNICAL MINI SERIES (TMS) ON 'LIFESTYLE MODIFICATION & FLYING'**

The Technical Mini-Series (TMS) titled, '*Lifestyle Modification & Flying*' was released by The Vice Chief of the Air Staff during the plenary session of the 63rd ISAM Conference on 05 Dec 24. This Technical Mini Series (TMS) provides fundamental concepts regarding the integration of lifestyle modifications with the requirements of flying. The contents address the necessity for rethinking traditional health approaches and explore the utility of modern Health Gadgets and Mobile Based Apps. This series is intended to help Aerospace Medicine practitioners develop a basic understanding of the significance of sustainable lifestyle practices for maintaining optimal aircrew fitness and performance.



- **GENERAL BODY MEETING OF ISAM-2024**

The General Body Meeting (GBM) of ISAM was conducted on a hybrid platform at 1630 HR on 06 Dec 24 during the 63rd ISAM Conference held at IAM IAF. This was attended by approx. 100 members physically and 25 members virtually. The GBM was chaired by **Air Marshal Rajesh Vaidya, AVSM, VSM** then DGMS (Air) and President of the Society and the proceedings were conducted by **Gp Capt NK Tripathy**, Secretary ISAM. The approved minutes of the GBM have been made available on the Society website. Fellowship and life membership were conferred during the GBM by the President, ISAM.





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- **FELLOWS AND ASSOCIATE FELLOWS OF THE SOCIETY**

Dr B Sinha (Sc 'F'), Dr Santhosh (Sc 'F'), Wg Cdr Devdeep Ghosh, Wg Cdr G Harshavardhan, Wg Cdr Divya N (Retd) and Wg Cdr Sushree Khatua (Retd) were selected as Associate Fellows of ISAM during the General Body Meeting. Wg Cdr S Sodhi (Retd) & Gp Capt Mona Dahiya were conferred as Fellows of the society. Gp Capt NK Tripathy and Col Saurabh Bhardwaj were selected as 'Travelling Fellows' for the year 2024 - 25.

- **NEW LIFE MEMBERS OF THE SOCIETY**

Life membership was given to following 24 applicants by the President ISAM during the GBM: -

- Col SK Kaushik
- Col Manu Krishnan
- Maj Kishor P
- Maj Manu Murali V
- Maj YS Chandra
- Sqn Ldr Ganesh Dev
- Sqn Ldr Rahul Tiwari
- Surg Lt Cdr Abhilash PT
- Surg Lt Cdr Manish Kharub
- Dr Revarshi Mohapatra





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- **THE CHIEF OF THE AIR STAFF TROPHY FOR STANDING FIRST IN PAMC**

The Chief of the Air Staff Trophy was awarded to the officer who scores the highest marks in all the Primary Aviation Medicine Courses (PAMC) held during the year. For the academic year 2024-2025, the trophy was awarded to **Flt Lt Paneeni**. The trophy was presented to the officer by the CAS during the plenary session of the Conference.



- **AVM MM SRINAGESH TROPHY**



The AVM MM Srinagesh trophy is awarded to the officer who scores the highest marks in the Advance Course in Aerospace Medicine. The trophy was awarded to **Maj Jeya Karthik** by the VCAS during the plenary session of the Conference.

- **AOC-IN-C TRAINING COMMAND ROLLING TROPHY**

AOC-in-C Training Command Rolling Trophy is awarded for the best dissertation in MD Aerospace Medicine Course. **Sqn Ldr Anubhav Upadhyay** was awarded the trophy for his dissertation titled '**Immediate Effects of Screen Time on Sleep Quality & Mental fatigue in Healthy Adults**'. The trophy was awarded by the VCAS in the plenary session of the Conference.





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- **AIR MSHL PM SUNDARAM TRAVELLING FELLOWSHIP (2023 – 24)**

Gp Capt Mona Dahiya & Gp Capt Prathu Rastogi were awarded the Air Marshal PM Sundaram travelling fellowship for successful culmination of their role as traveling fellows of IJASM for the year 2023-24. Lectures were conducted in Vardhaman Mahavir Medical College (VMMC & SJH), Al Falah Medical College (Faridabad), Uttar Pradesh Univeristy of Medical Sciences (Etawah) & Autonomous State Medical College (Ferozabad). The lectures were received very well by the students of the medical colleges.

- **AIR MARSHAL KULDIP RAI AWARD**

Air Marshal Kuldip Rai award for the best published article in IJASM for the year 2024 was awarded to **Lt Col Binu Sekhar** for his research article titled '*Effects of a Shot Afternoon Nap on Cognitive & Psychomotor functions of Non-sleep-deprived Subjects.*'

- **BEST PAPERS: 63rd ISAM CONFERENCE**

Late Gp Capt GS Nayar award for the best scientific paper was awarded to **Col Rohit R Kochhar (Retd)** for the paper titled '*Indian Perspective on Pilot Peer Support Group & Safety Initiatives in Airline Ops*'. 2nd Best Paper was awarded to **Lt Col Srihari Iyer** for the paper titled '*The functional Role of Individual Fingers in Hand Grip: Analysis & its Aeromedical Implications*'. **Sqn Ldr Mainak Chandra Das** received the award for the best poster for his paper titled '*Functional Outcome of USG Guided Single Injection of Platelet Rich Plasma v/s Corticosteroid in Treatment of Supraspinatus Tendinosis or Partial Supraspinatus Tear*'.

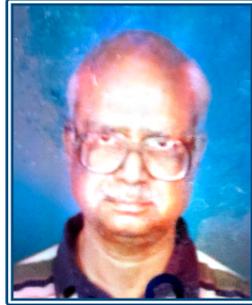




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OBITUARY

Late Dr. Easwara Mahadev Iyer (Retd)



Late Dr. Easwara Mahadev Iyer, a distinguished scientist devoted 39-years to public service. Born on April 4, 1943, Dr Iyer began his service in 1964 as a Junior Scientific Assistant in Delhi. He was posted at IAM wef 30 Oct 1969 as Senior Scientific Assistant and was selected by the UPSC in 1977 as a Senior Scientific Officer Grade-I (Bio Chemistry). He retired as Sc 'F' in 2003 from IAM. Dr. Iyer passed away on 13 Oct 25 and is survived by his wife, Smt G Mythili Iyer and son Shri M Balaji. His legacy remains one of outstanding professional achievement and devoted national service.

Late Gp Capt Nanoo Suresh Baboo (Retd)



Gp Capt N Suresh Baboo was born in Kollam, Kerala, on 29 Jul 1948. He completed his M.B.B.S from Government Medical College, Trivandrum (1968). He was commissioned into the Medical branch of the Indian Air Force on 25 Jul 1971 and completed MD Physiology from Bangalore Medical College. He served at various prestigious establishments as a Graded Specialist in Physiology over a distinguished career spanning nearly three decades. He was posted to Institute of Aerospace Medicine (IAM), Bangalore from 1996- 2000 before his superannuation on 31 Aug 2000. Gp Capt N Suresh Baboo passed away on 26 Oct 25 and is survived by his two daughters Ms Manjula Baboo and Ms Manjusha Baboo.



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This newsletter has been compiled by Sqn Ldr Anubhav Upadhyay