Venue: SRINAGESH AUDITORIUM
0930-1030 h: AVM MM Srinagesh Oration
Chairperson: Air Mshl AK Behl
AVSM PHS, DGMS (Air)
Speaker: Dr Jarnail Singh
Topic: Fatigue Risk Management in Airlines Operations

1030-1100 h: Tea Cum Poster Session
Computerized Posturography: Static Vs. Dynamic - A Review: Maj S Jhariya
Chronic Subdural Haematoma - Aeromedical Disposition: Dr Vijayvardhan
Is it Essential to Establish Stability Guidelines for Pharmaceutical Products to be Used in Space?
Prof Priti J Mehta
Determination of Flight Helmet Centre of Gravity and Mathematical Prediction for different Head Masses and Configurations:
Sqn Ldr Biplab Bhowmick
Aeromedical Management of Nephrolithiasis in Indian Aviators - A Perspective: Dr Avinash

Venue: SRINAGESH AUDITORIUM
1100-1200 h: Aeromedical Disposal - I
Chairpersons: Lt Gen GS Chopra SM VSM
Air Cmde Ajoy Mahen
Symphalangism in a Fighter Pilot: An Aeromedical Dilemma. A Case Report: Sqn Ldr Parul Goel
Syringomyelia During Post-ejection Evaluation: An Evidence Based Approach to Aeromedical Disposition: Wg Cdr NK Tripathi
Aeromedical Disposition in a Rare Case of Auto Inflammatory Syndrome: A case report:
Gp Capt V Vasdev
Neuro Cognitive Evaluation of a Case of Cardiembolic Stroke Due to Patent Foramen Ovale:
Gp Capt KK Tripathi

Venue: ENGINEER AUDITORIUM
1100-1200 h: Aeromedical Disposal - II
Chairpersons: AVM (Retd) Ranjit Kumar
Air Cmde Satish Chowdhary
Aeromedical Decision Making in a Med Evac of Polytrauma: Surg Cdr R Sarkar
PTSD in a Fighter Pilot Being Assessed for Lack of Motivation to Fly: A Case Report: Wg Cdr YS Dahiya
Aeromedical Decision Making in Ulcerative Colitis:
Wg Cdr NJ Katoch
An Interesting Case of Traumatic Valvular Injury in an Aviator: Aeromedical Issues: Lt Col AK Khurana

Venue: SRINAGESH AUDITORIUM
1200-1300 h: Guest Lectures
Chairperson: AVM (Retd) Kul dip Rai AVSM
Air Mshl (Retd) JK Gupta PVSM AVSM

Guest Lecture - I:
Speaker: AVM (Retd) AK Sengupta
A Perspective on Aeromedical Risk Management in Civil Aviation Focus on Future Trends

Guest Lecture - II:
Speaker: Wg Cdr (Retd) Surendra Sodhi
1300-1400 h: Lunch

Venue: SRINAGESH AUDITORIUM
1400-1500 h: Significance of Anthropometry in Aviation
Chairpersons: AVM PS Sodhi
Air Cmde MS Butola
Relevance of Anthropometry in Indian Air Force:
Lt Col S Venkatesh
IAF Anthropometry Survey 2013:
Wg Cdr M Mukherjee
Aeromedical Decision Making in Anthropometry: Defining Limits of Agreement Between Two Observations: Gp Capt KK Tripathi

Venue: ENGINEER AUDITORIUM
1400-1500 h: Free Paper Session
Chairpersons: AVM (Retd) P Tyagi VSM
Air Cmde CS Thakur
Invalid Passenger and Air Travel- Our Experience:
Wg Cdr Keshava Murthy
Physiological Correlates of Stress in Human Voice at Different Altitudes During Hypoxia:
Dr Munna Khan
Advanced Light Helicopter (ALH) in Air Ambulance Role: A Status Update on Experience in the Valley:
Lt Col Omesh Nath
Accidents in Pressure Chambers: Current Safety Concerns: Lt Col DK Khukhar

Venue: SRINAGESH AUDITORIUM
1500-1545 h: ISAM General Body Meeting
1545-1600 h: Tea
1600-1645 h: SMO’s Conference
2000 h: Flight Surgeons’ Night
[Hotel Matthan]

24 Aug 14 (Sunday)
0800-1730 h: BANGALORE MEDICAL CONGRESS
22 Aug 14 (Friday)

**Venue:** SRINAGESH AUDITORIUM

**Chairpersons:**

**Venue:** 0900-1000 h: Applied Aviation Medicine
- AVM CK Ranjan VSM
- Air Cmde SC Banerjea

- Comparing Centre of Gravity of Head Mounted Loads in a Flying Unit: Lt Col P Biswal
- Management of Motion Artefacts in Centrifuge Based Tactical Flight Simulation: Dr Swee Weng Fan
- Visual Field Perimetric Evaluation of a Helmet Mounted NVG and Oxygen Mask Used by a Rotary Wing Aircraft Pilot: Wg Cdr Pawan Kumar

- Assessment of Workload and Other Physiological Parameters in an NVG - DISO Sortie Using NASA-TLX: Sqn Ldr Aprajita Bhayana

**Venue:** 1000-1100 h: Conceptual Ideas & Deliberations
- Gp Capt (Retd) GS Nayar
- Air Cmde MV Singh

- Recognizing Fatigue: Gp Capt Sajan Sethi
- Low Backache in Helicopter Aircrew in Army Aviation: Lt Col KN Rao

- Gender Based Differences in Stress Coping Strategies in Cadets of Air Force Academy: Wg Cdr Mona Dahiya

- Alcohol Biomarkers and Their Significance in Aircraft Accident Investigations and Monitoring of Aircraft Dependent Syndrome: Dr Santhosh SR

**Venue:** 1100-1115 h: Srinagesh Auditorium

- Tea Cum Poster Session: Spondylolysis - Aeromedical Disposal: Lt Col S Venkatesh

- A Retrospective Analysis of Medical Fitness of Candidates Following Appeal Medical Boards: Sqn Ldr A Bhayana

- Mathematical Modeling of Human Cardiovascular System Using Lumped Parameter Method: Dr Arathi Sudarshan

- ACL Tear in Aircrew: A Retrospective Analysis: Dr Praveen MG

- Aeromedical Decision Making in Gall Bladder Polyps: Dr Vasudev BN

- Cockpit Temperature Study: Fit Lt Sneha Dinakar

**Venue:** 1115-1215 h: Engineer Auditorium

- Aviation Psychology

- Dr Parvati Gopal

- Air Cmde MK Bedi

- Age and Flying Experience Shift Safety Locus of Control and Attitudes in Rotatory Wing Pilots: Dr Catherine George

- Comparison of Personality Patterns Measured by MCMI III Between Referred and Non Referred Aviators: Lt Col Suhasini Reddy

- Psychological Aspects in Fighter Flying: A Case Study: Dr Kuhu Ganguly

- Role of Personality Assessment at Intake Trifurcation and Continued Monitoring of Aircrew Performance: Wg Cdr Seema Gambhir

**Venue:** 1215-1300 h: Engineer Auditorium

- Directorate of Flight Safety (CLOSED DOOR SESSION)

- Air Cmde P Kharbanda VSM

- Accident Analysis and Aerospace Safety Issues: Gp Capt Anil Singh

- Lunch

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23 Aug 14 (Saturday)

**Venue:** SRINAGESH AUDITORIUM

**Chairpersons:**

**Venue:** 0815-0830 h: Group Photograph

**Venue:** 0830-0930 h: Casualty Air Evacuation

- Surg Vice Admiral S Rohatgi VSM PHS
- AVM GS Nanda

- Ambulance Version IL 76 - An Excellent Mode of Cas Evac from High Altitude Airfield: Air Cmde CS Thakur

- Evaluation of Cas / Med Evac Facilities in C-17 Aircraft: Lt Col Murtaza

- Causality Air Evacuation in Flying Base: Our Experience at 40 Wg, AF: Sqn Ldr Basavaraja

- Causality Air Evacuation: Experiences from a Mock Drill: Wg Cdr P Pant

**Venue:** 0830-0930 h: Operational Aviation Medicine

- Air Cmde N Singh

- Air Cmde D Gaur

- A Survey of Noise Induced Hearing Loss in Indian Air Force Personnel by Extra High Frequency Audiometry: Lt Col Satish Nair

- Injuries in a Fatal Helicopter Crash: More to it Than Meets the Eye: Lt Col R Pipraiya

- Motion Sickness Desensitization Therapy - IAM Experience: Wg Cdr P Rastogi

- Perspective on High-G Training: Lessons From A Questionnaire Survey Amongst Trainees and Instructor Pilots: Wg Cdr (Retd) Sanjiv Sharma