14 Sep 18 (Friday)

0900-1100h: Plenary Session
0900h- Arrival of the Chief Guest
Air Chief Marshal Birender Singh Dhanoa PVSM AVSM YSM VM ADC
Chief of the Air Staff, Indian Air Force
0901-0909h- Doc!! You Just Don't Understand. An audiovisual presentation
Air Cmde Anupam Agrawal
0920h- Welcome Address
Air Marshal CK Ranjan AVSM VSM

1130-2130h Session I: Field Research
Chairpersons: Lt Gen Sanjiv Chopra AVSM VSM & AVM Sandip Mukherji

Windblast Testing of an Indigenous Developed Helmet: An Approach to Aeromedical Certification - Gp Capt NK Tripathy

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1130-1330h Session II: Aerospace Physiology
Chairpersons: Air Cmde S Chowdhry (Reddy) & Air Cmde S Bhargava

CVS Response to Orthostasis in 6 hours of Simulated Microgravity - Dr B Sinha
Survey of Perceived in-flight Hypoxia amongst Indian Air Force Aircrews - Wg Cdr AVK Raju

Aeromedical Concerns and Lessons Learnt During Oxygen Jump at Dolma Sampa - Sqn Ldr P Sannigrahi
Assessment of Human Psychomotor Function at High Altitude using Finger Tapping Test - Dr M Khan

1230-1330h Session III: Field Experience
Chairpersons: AVM Sudhir Rai & Gp Capt MS Nataraja

Pragmatic NVG Training: Guiding The Night Warrior into Uncharted Territories - Wg Cdr HPS Sahota
Analysis of Air Sickness in Ab-Initio Pilots - Sqn Ldr Harshvardhan
Checklist for Flying Clothing Inspection: A Practicable Aid to MOs in the Field - Lt Flt Choudhary MSK

Revisiting Cockpit Trials: A Critical Tool in Aircrew-Aircraft Compatibility Assessment - Sqn Ldr N Divya

1330-1430h Lunch (The Court)

1300-1700h Poster Session I (Moderator: Lt Col P Biswal)

Rationalization of the Contents of Survival Pack and First Aid Kit in Army Aviation - Lt Col S Bharadwaj
Diabetes Mellitus in Military Aircrews: A Retrospective Analysis - Maj YM Singha
Retrospective Analysis of Hypertension Cases in Indian Military Aircrews - Lt Col M Nayak

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1430-1530h Session V: Aeromedical Decision Making
Chairpersons: Air Cmde VV Joshi & Gp Capt Manas Saha

ACS (USAFA) Consultation for Aeromedical Decision Making (ADM): Our Experience - Gp Capt P Renjan
Hyperemesis in Indian Aircrews - Association with Biochemical Parameters and Algorithmic Approach - Gp Capt P Kinna

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1430-1530h Session VI: Concept/ Free Papers
Chairpersons: Air Cmde CS Thakur (Reddy) & Air Cmde DS Chaddha

Can Voice Analysis Detect Fatigue due to Sleep Deprivation? - Dr SJ Gaur
Levels of Vitamin D in Healthy Indian Population: A Pilot Study - Wg Cdr Ashwini Kumar

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1530-1630h Scientific Session VII: Civil Aerospace Medicine
Chairpersons: AVM JK Gupta PVSM AVSM (Reddy) & Air Cmde Rajesh Yadava

A Study of Stero-acuity Levels while Screening Airline Pilots - Col A Singh
Analysis of Medical Emergencies in Commercial Flight and Utility of Medical Resources Onboard - Sqn Ldr Arvind BK

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1530-1630h Scientific Session VIII: Aviation Accidents & Flight Safety (Close Door Session)
Chairpersons: AVM MS Butola & Surg Capt SS Mohapatra

Statistical Analysis of Emerging Factors and Recent Trends in Incidents - Gp Capt V Gaur
Army Aviation Accidents and Spatial Disorientation: A Major Concern - Col A Khurana

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1600h - Tea (The Court)

1900h - Society Dinner

0930-1030h Session IX: Clinical Aerospace Medicine
Chairpersons: AVM N Taneja VSM & Surg Capt SS Khanna

A Retrospective Study of Malignancies among Officers - Lt Col G Jayadevan
A Study on the Prevalence of High Cholesterol among Aircrew Members of Sri Lanka Air Force - Sqn Ldr N Himal

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0930-1030h Session X: Case Reports
Chairpersons: AVM VK Shashidran VSM & Wg Cdr AVK Raju

Unusual Occurrence of Decompression Sickness during Diving: Case Reports from Andaman & Nicobar Islands - Surg Capt SS Mohapatra
An Extremely Rare Cardiac Malformation in an Asymptomatic Pilot Applicant from Andaman & Nicobar Islands - Maj Urmimala

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15 Sep 18 (Saturday)

0830-1230h Poster Session II (Moderator: Wg Cdr Ajay Kumar)

Study of Vestibular Dysfunction Following +Gz Exposure Using Posturography - Lt Col PK Gupta

Importance of Dental Records in Aircrews - Maj N Yadav
Waist to Height Ratio as Anthropometric Index for Evaluation of Central Obesity and its Correlation with Markers of Metabolic Syndrome - Sqn Ldr P Pandey

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0930-1030h Session XI: Clinical Aerospace Medicine
Chairpersons: AVM N Taneja VSM & Surg Capt SS Khanna

A Retrospective Study of Malignancies among Officers - Lt Col G Jayadevan
A Study on the Prevalence of High Cholesterol among Aircrew Members of Sri Lanka Air Force - Sqn Ldr N Himal

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1100-1200h JHF Manekshaw Panel on Emerging Trends in Aerospace Medicine
Chairpersons: Air Mshl CK Ranjan AVSM VSM & Air Cmde A Agarwal
- Human Space Programme - Dr S Somanath
- Emerging Trends in Flying Clothing - Dr Kotesh TM

1200-1300h Scientific Session XI: Aerospace Human Factors
Chairpersons: Air Cmde R Ravi & Gp Capt M Mukherjee
- The Percentile Problem: Concerns in Aircrew - Gp Capt YS Dahiya
- Principal Component Analysis in Anthropometry: Application in Cockpit Design - Lt Col P Biswal
- Through Canopy Ejections: An IAF Experience - Wg Cdr B Bhowmick
- Missing Flying Helmet during Ejection: A Case Report - Gp Capt MS Nataraja

1200-1300h Session XII: Aviation Psychology
Chairpersons: AVM Daljit Singh & Gp Capt Atul Gupta
- Personality Profiling of Flying Instructors - Mrs K Anand
- Mindfulness, Happiness and Perceived Stress: A Correlational Study in High and Low Performance Group - Ms A Gautam
- Modern Day Flyers: Personality Characteristics of Fighter Pilots of IAF - Dr Ch N Sowgandhi
- Efficacy of Mentoring Skills in Indian Air Force Suicide Prevention Training: Challenges and Opportunities - Dr Bino T

1300-1400h - Lunch (The Court)

1300-1500h Poster Session III (Moderator: Wg Cdr Ashwini Kumar)
- Enhancing Naval Operations: Microclimate Cooling Onboard - Wg Cdr P Goswami
- An Unusual Presentation of a case of Prolapsed Inter-Vertebral Disc in a Trainee Aviator - Wg Cdr B Bhowmick
- Improving Situational Awareness - Gp Capt R Pipriaya
- Helicopter Vibrations and NVG Acuity - Lt Col S Venkatesh
- Effectiveness of Nadi Shodhan Pranayama in Combating Airsickness among Trainee Helicopter Pilots of Indian Army - Lt Col N Chaudhary
- Welcome Aboard the Red Planet: Our Next Giant Leap - Lt Col S Jhariya
- Effect of Positive Acceleration along +Gz Axis on Attention - Flt Lt Nanda Kishore

1400-1500h Scientific Session XII: Case Experiences from Field Care
Chairpersons: AVM RK Ranyal VSM & Gp Capt YS Dahiya
- Cas/Medevac in Field Area: UN Experience and Lessons Drawn - Lt Col Murtaza
- Accident of a Boeing 737 at Dabolim Airfield - Our Experience of CasEvac - Surg Cdr R Sarkar
- An Innovative Oxygen Delivery System for Casualty Transfer by IAF Aircraft - Sqn Ldr M Dwivedi

1400-1530h Scientific Session XIV: Exercise Gagan Shakti: Aviation Medicine Experience (Close Door Session)
Chairpersons: Air Cmde Deepak Gaur AVSM & Gp Capt Plush Renjen
- Exercise Gagan Shakti - An Experience - Flt Lt N Jha
- Prevention of Disease Outbreaks during Gagan Shakti - Sqn Ldr S Sharma
- Observation on Fatigue Monitoring during Exercise Conducted by IAF in 2018 - Flt Lt S Tripathi
- Food Poisoning Outbreak Investigation at a Vital Airbase in North-East - Preceding a Pan-India OPs Exercise: Sqn Ldr A Nath
- Establishing Forward Surgical Center - Augmenting Combat Support Role of IAF (Med) during OP Gagan Shakti - Gp Capt P Ravi

1600-1700h - General Body Meeting of ISAM
1700h - Tea (The Court)

16 Sep 18 (Sunday)

0800 - 0825h - DGMS (Air) Address to Air Officers (Medical & Dental)
0825h - Group Photo

Session I
0830-0930h - Seminar on Innovative Ideas to Improve Healthcare Delivery in the IAF
Chairpersons: Air Cmde Achal Kumar & Air Cmde D Joshi
0935-1100h - 59th SMOs Conference
1100-1105h - Family Welfare Awards - Gp Capt Sunil Agarwal
1105-1115h - Presentation on Op Karuna - PMO HQ SAC, IAF
1115-1140h - Tea (The Court)

Session II
1140-1210h - Aviation Dentistry - Air Cmde B Jayan, Comdt AFIDS
1210-1310h CME I - Medicine & Allied Subjects
Chairpersons: AVM MV Singh & Air Cmde Ajay Handa
- Management of Skin at SMC Level - Gp Capt S Arora
- Cadaver Donation Awareness - Col A Jairam
- Immunization Updates, Febrile Seizures & Rational use of Antibiotics in Children - Gp Capt SS Dalal
- Management of CSRs at SMCs - Air Cmde V Tewari

1310-1410h CME II – Surgery and Allied Subjects
Chairpersons: AVM GS Sandhu VSM & Air Cmde MS Sridhar
- Trauma Care at SMC Level - Gp Capt GS Bhatia
- Emergencies in ENT at SMC Level - Gp Capt A Dutta
- Care of Pregnant lady & Conduct of Delivery at SMC Level - Col PS Rao
- Emergencies in Ophthalmology at SMC Level - Gp Capt MA Khan
1410h - Lunch (The Court)

Note:
1. Scientific Sessions with Golden Background (II, IV, VI, VIII, X, XII & XIV) will be held in "Srinagesh Auditorium"
2. All other Scientific Sessions will be held in the "Srinagesh Auditorium" or "The Court"
3. Poster Sessions (Green Background) will be in "The Court"