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Amrit Mahotsav

◉AMRO

**1st International Conference on
Emerging Trends in Aviation MRO Industry**

22 April 2022 | NIT (Delhi), New Delhi, India

Organized by

AVIAKUL[®]



*Aviakul Private Limited in collaboration with
National Institute of Technology (Delhi)*

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MRO Association of India

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Aviation World

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Aeronautical Society of India (Mumbai)



Indian Women Pilots' Association



Bridge Bharat



The Delhi Flying Club

WELCOME MESSAGE

Respected Delegates,

Aviakul Private Limited in association with the National Institute of Technology (Delhi) is organizing the “1st International Conference on Emerging Trends in Aviation MRO Industry” on 22nd April 2022 (Hybrid Mode) at the Main Auditorium, National Institute of Technology (Delhi), New Delhi, India.

In the last few years, Aviation and Aerospace have seen remarkable development in India. Though the progress is significant, the opportunities and possible ventures from the industry are yet to be unmasked. Most people are still unaware of these developments and their impact. Aviakul’s mission is to bridge this gap through its outreach activities such as Workshops, Conferences, Seminars, Webinars, Events etc., hence promoting Aviation Awareness at a grass-root level.

Aviation Maintenance-Repair-Overhaul (MRO) industry is going through a rapid expansion and development in India in the recent past, thanks to Atmanirbhar Bharat initiatives which has set out on a mission to make India, a Global MRO hub. India has always been left out of the global race just because we always implement but rarely encourage the zeal & vigour to invent. Organizing conferences of international nature addressing this issue in the Capital of India will motivate and promote the zeal to invent cutting edge technologies and make India a leader in defining the path for the said industry.

It is with great pleasure that on behalf of the Organizing Team, I’m welcoming you to a first-of-its-kind International Conference in Indian Aviation. Thank you for making this event a grand success.

Regards,

Vaibhav Varun

Vaibhav Varun,
Event Chairman – EAMRO

PROGRAM

11:00 IST **Opening Ceremony**

11:45 IST **Keynote Lecture: Women empowerment in MRO**
Dr. Harpreet A de Singh, Indian Women Pilots' Association

**Technical Session 01 [TS-01]:
Implementation of cutting-edge technologies in MRO**

12:00 IST **Convergence of UAVs and MRO: The India Perspective**
Shri. Aman Johri, Jatayu Unmanned Systems

12:15 IST **Introduction to ROI's for Technology Investment in MRO**
Shri. Rohit Tomar, Caladrius Aero Consulting LLP

12:30 IST **Navigation Technology: Research Dimensions & Applications**
Dr. Kanta Prasad Sharma, Chandigarh University

12:45 IST **Role of immersive technologies (Augmented, Virtual & Mixed Reality)
in Aviation**
Shri. Sunil Golla, Bauddhartha

**Panel Discussion [PA-01]:
Convergence of Civil and Military applications in MRO Industry**

13:00 IST **Convergence of UAVs and MRO: The India Perspective**
Moderator: Shri. Vaibhav Varun, Aviakul Private Limited

Panelists

Shri. Bharat Malkani, Max Aerospace and Aviation Limited

Shri. Gurmukh Singh Bawa, Senior Aviation Consultant and Advisor

Shri. Ashwani Acharya, CAE Simulation Training Pvt Ltd

Colonel K. V. Kuber (Retd.), Ernst and Young LLP (EY)

Rear Admiral V. M. Doss (Retd.), Amrita Vishwa Vidyapeetham

Air Marshal Sukchain Singh, (Retd.), Konkan Railways Corporation Ltd (KRCL),

Wing Commander Manish Vaish, Bridge Bharat

PROGRAM

LUNCH BREAK

Technical Session 02 [TS-02]: Preparing the future workforce for MRO Industry

- 15:00 IST** **Future Prospects for Indian MRO**
Shri. Bharat Malkani, Max Aerospace and Aviation Limited
- 15:15 IST** **Make your Best move**
Shri. Ashwani Acharya, CAE Simulation Training
- 15:30 IST** **Future ready Leaders**
Shri. T. Gobinath; Shri. P Raghupathy
Shri. S.A Mohamed Iliyas, Shri. Dhruv Sangal
Team Space Kidz India
- 15:40 IST** **Closing Ceremony**

HIGH TEA NETWORKING



INVITED EXPERTS



Aman Johri

Chief Executive Officer,
Jatayu Unmanned Systems,
Mumbai, India



Ashwani Acharya

Business Head,
CAE Simulation Training Pvt Ltd,
Greater Noida, India



Bharat Malkani

Chairman, Max Aerospace and Aviation Limited,
President, MRO Association of India,
Mumbai, India



Rear Admiral VM Doss, AVSM, VSM (Retd)

Director (Academia – Industry Partnership),
Amrita Vishwa Vidyapeetham,
Former Assistant Chief of Naval Staff (Air Material)
Coimbatore, India



Gurmeet Singh Bawa

Former General Manager,
AAI and an avid Airport Economist,
Growth Assessment Specialist and Business Planner,
New Delhi, India



Dr. Harpreet A de Singh

Executive Director - Headquarters at Air India Limited,
President, Indian Women Pilots' Association
Former Chief Executive Officer, Alliance Air
Mumbai, India



Dr. Kanta Prasad Sharma

Assistant Professor,
Chandigarh University,
Chandigarh, India



Colonel KV Kuber (Retd)

Director – Aerospace and Defence,
Ernst and Young LLP (EY),
New Delhi, India



Wing Commander Manish Vaish

Regional Head NCR (Aviation Technical),
Bridge Bharat,
New Delhi, India



Rohit Tomar

Managing Partner,
Caladrius Aero Consulting LLP,
Mumbai, India



Air Marshal Sukchain Singh AVSM, VSM (Retd)

Independent Director,
Konkan Railways Corporation Ltd (KRCL),
Chandigarh, India

TEAM SPACE KIDZ INDIA



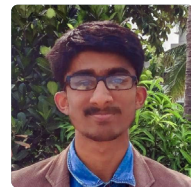
T. Gobinath



P Raghupathy



**S.A Mohamed
Iliyas**



Dhruv Sangal

ORGANIZING COMMITTEE

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Prof. (Dr.) Ajay K Sharma, Director,
National Institute of Technology Delhi, New Delhi, India

Andy Kotwani, Chairman,
Aviakul Group of Companies, Moscow, Russian Federation

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Vaibhav Varun, Managing Director,
Aviakul Private Limited, New Delhi, India

Dr. Kapil Sharma, Assistant Professor and Head T & P,
National Institute of Technology Delhi, New Delhi, India

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Pushpendra Kumar Mishra, Marketing Head,
Aviakul Private Limited, New Delhi, India

Kokulakrishnan Jeganathan, Business Development Head,
Aviakul Private Limited, New Delhi, India

Dr. Ashok Kumar Dewangan, Assistant Professor,
National Institute of Technology Delhi, New Delhi, India

MEMBERS

Neha Singh, Junior Technical Officer,
Aviakul Private Limited, New Delhi, India

Liya Paul, Executive Assistant,
Aviakul Private Limited, New Delhi, India

Anupriya Das, Office of Training and Placement,
National Institute of Technology Delhi, New Delhi, India



ABOUT NATIONAL INSTITUTE OF TECHNOLOGY DELHI

National Institute of Technology Delhi (NITD) is one of the thirty-one NIT (s) established in the year 2010 by an act of parliament and has been declared as an Institute of National importance.

NIT Delhi is an autonomous Institute which functions under the aegis of Ministry of Education, Government of India. It aims to provide instructions and research facilities in various disciplines of Engineering, Science and Technology, Management, Social Sciences and Humanities for advance learning and dissemination of knowledge.

The mission of NIT Delhi is to produce human resource those who are creative, competitive and innovative with high intellect and ethical values. The Institute is imparting holistic education, along with inculcating high moral values in its students.

NIT Delhi has started its academic session in 2010 with three undergraduate B.Tech degree programmes in Computer Science and Engineering, Electronics and Communication Engineering and Electrical and Electronics Engineering. The academic activities of NIT Delhi were initiated at NIT Warangal in year 2010 which later moved to a temporary campus at Dwarka, New Delhi in June 2012 and now currently running at IAMR Campus, Narela (February 2014).

Possession of fifty-one-acre land has been allotted for permanent campus of NIT Delhi on NH-1, Narela sub city, New Delhi. The process of developing the permanent campus has begun.

From academic year 2013-14 the intake in each B. Tech programme has been increased to strength of 60 students. Admission for B.Tech programmes are made on the basis of the performance in the Joint Entrance Examination (JEE) for the Indian Nationals. Admissions to 50% of the seats are made amongst the students of Delhi & Chandigarh and the remaining 50% seats are made on the basis of All India ranking of the aspiring applicants. The intake in each M. Tech programme is 15 students. Admissions to the M.Tech Programmes are made on the basis of performance in GATE (Graduate Aptitude Test in Engineering).

ABOUT AVIAKUL PRIVATE LIMITED

In the last few years, aviation and aerospace have seen remarkable development in India. Though the progress is significant, the opportunities and possible ventures from the industry are yet to be unmasked. Most people are still unaware of these developments and their impact. Bridging this gap is Aviakul Aviation Academy, a brainchild of aviation enthusiasts. With zeal to create a self-reliant Aerospace ecosystem, Aviakul elegantly leads the phenomenal transformation of aerospace and aviation, imbibing global outreach.

Aviakul translates to “Home of Aviation,” and strives to lead the exceptional developments in the industry, absolutely justifying its name. The organization works towards its goals with a firm belief that the intended transformation could be possible through three key directions - Personnel, Network, and Indigenous Development.

The Word Aviakul stems from the amalgamation of two classic Languages. Avia, a latin word which means Flight or To Fly and Kul, a Sanskrit word which means Home, Family or Community. Hence our motto the Home of Aviation

Aviakul has been established by young Aviation Professionals and Business Leaders with years of market experience, with the sole agenda of pioneering the transformation to bring Self-reliance in Indian Aviation Ecosystem. Pioneering the transformation in Aerospace & Aviation can be achieved with three major avenues.

Training Academy Transformation in any industry can be sustained only with a qualified, well trained and skill equipped personnel. Aviakul aims to train, educate & equip skilled Aviation Personnel through its Aviation Academy. The concept of ecosystem where one’s output is being fed into other’s input is being implemented right at the grass-root level of training. Programs are designed to co-exist around each other, thereby making the candidates aware of their work environment from ab-initio.

Aviation Outreach Unfortunately, Aviation in India is still not within common man’s reach. Though we are born to fly, we merely glare at the Sky. Making people aware of Aviation and taking the knowledge down to the grass-root level is a lifelong mission for Team Aviakul. Only when as a society, as a community, we are conscious about Aviation, we will be able to make wonderful strides in that field. With this noble mission in mind, Aviakul organizes several outreach activities including Events, Conferences, Webinars, Training Workshops, thus enabling the reach of knowledge to the grass-root level of our nation

Indigenous Development A Nation’s true strength is evident from its capacity to stand on its own. True Atmanirbhar (Self-reliance) can happen only when the environment is conducive enough for the young brilliant minds to create their products and put them into the market. Aviakul firmly believes in penetrating the Sector with self-reliant philosophies that actually can make India a global leader in Aviation. With this mission in mind, Aviakul aims to establish a Research & Development facility that can conceive, design, develop, manufacture and produce indigenous Aviation Technology starting from as simple as a Basic Training Aircraft to as complex as a Sixth Generation Stealth Fighter Aircraft.

PROGRAMS OFFERED BY AVIAKUL AVIATION ACADEMY

- Commercial Pilot License
- Private Pilot License
- Ground Classes for CPL/PPL License
- License Conversion
- Cabin Crew Training
- Aviation Certification Courses
- Drone Pilot (Remote Pilot / UAV Pilot)

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*Aviakul Private Limited in collaboration with
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An Aviakul – NIT (Delhi) Event

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