 Joseph Chakravarthi Chavali

| Hyderabad, India | +91-9246216472 | [chavali380@rediffmail.com](mailto:chavali380@rediffmail.com) | https[://www.linkedin.com/in/josephchakravarthichavali/|](http://www.linkedin.com/in/josephchakravarthichavali/)

**https://www.youtube.com/watch?v=ojk8kMHhBoo**

***Professional Summary***

A highly accomplished aviation professional with over 35 years of comprehensive experience, including 30 years at Air India, poised to serve as an Independent Director for a listed company in India. Proven track record in strategic leadership, regulatory compliance, and operational excellence across diverse aviation functions. DGCA-approved instructor with expertise in dangerous goods regulations, safety procedures, and training program development. Demonstrated success in establishing and managing aviation training establishments, conducting DGCA/IATA audits, and fostering a culture of continuous improvement. Possesses strong financial acumen, with experience in budgeting, finance management, and serving on pension trust boards. Certified Independent Director (IICA) and ESG professional, committed to driving sustainable practices and robust corporate governance. Currently pursuing a PhD in Electronics and Communications Engineering, with research focused on enhancing aviation safety through image processing technologies. Brings a unique blend of operational expertise, strategic vision, and academic rigor to provide effective oversight and contribute to long-term value creation for stakeholders. Recognized for exceptional problem-solving skills, ability to navigate complex regulatory landscapes, and deliver results in challenging environments. Poised to leverage extensive industry knowledge and leadership experience to drive innovation, ensure compliance, and promote sustainable growth in the boardroom.

*Key Skills include:*

| Training & Development | Human Resource Management | Regulatory Compliance | Audits | Performance Appraisal | Good Networking Skills | Interpersonal Skills | Research | Presentation Skills |

Education

(2025) Karunya University, Coimbatore, TN, India |**Ph D, Doctor in Philosophy (Electronics & Communications Engg)** 2011 Osmania University, Hyderabad, Telangana, India| **MBA, Master of Business Administration (HRM)**

2000 Jawaharlal Nehru Technological University, Hyderabad, Telangana, India

|**MTech, Master of Technology (Digital Systems & Computer Electronics)**

1986 Nagarjuna University, Guntur, Andhra Pradesh, India |**BE, Bachelor of Engineering (Electronics & Communications Engg)**

Recent Certifications

* Executive Diploma in Renewable Energy Management (Enrolment No: EREM 2556) from IGMPI (Institute of Good Manufacturing Practices India), Centre for Environment Health and Safety (CEHS), Feb 2025-Aug 2025.
* Certificate Course on Climate Change Science conducted IISc Bangalore, Jan 2025-April 2025.
* Indian Institute of Corporate Affairs (IICA)- Certified Independent Director IDDB-NR-202308-050915, 10-08-23
* Environmental Social Governance (ESG) Certification from the Directors Institute, World Council of Directors (World Development Corporation), ESG-2023-D10701409 Dtd. 14-09-2023.

Professional Experience

# Aviation Consultant (Self-Employed) Aug 22 – Present

Consultation Services: Aviation Career (Aircraft Maintenance Engineer/Pilots/Cabin Crew), Training, Regulatory Compliance, and ESG Integration and Reporting in any Organization including Aviation

# Air India Ltd. Apr 92- Aug 22

* Head of Ground Training (Ops Tech Trg & Ops Perf Trg) Jun 2022 — Aug 2022

**(Oftg DyGM)** **(Air India)**

* Sr Asst General Manager (Ops Tech Trg) Sep 2016 — Jun 2022

**(Air India)**

* Asst General Manager (Ops Tech Trg) Sep 2015 — Sep 2016

**(Air India)**

* Senior Manager (Ops Tech Trg) Nov 2003 — Sep 2015

**(Erstwhile Indian Airlines)**

* Manager (Ops Tech Trg) Sep 1999 — Nov 2003

**(Erstwhile Indian Airlines)**

* Deputy Manager (Ops Tech Trg) Dec 1996 — Sep 1999

**(Erstwhile Indian Airlines)**

* Deputy Manager (Engineering Trg) Jun 1994 — Dec 1996

**(Erstwhile Indian Airlines)**

* Assistant Manager (Engineering Trg) May 1993 — Jun 1994

**(Erstwhile Indian Airlines)**

* Training Officer (Engineering Trg) Apr 1992 — Apr 1993

**(Erstwhile Indian Airlines)**

# KBN Engineering College, Gulbarga, Karnataka, Lecturer (Electronics & Communications Engineering) Oct 86- Mar 92

* Commenced career as a **Lecturer in the Electronics and Communications Engineering Department** on 13th October 1986
* Served as the Head of the Department of Electronics and Communications Engineering Department for 3 Years.
* Established several Engineering Laboratories.
* Accomplished a Central Time Table for the entire Engineering College.
* Ensured the conduct of all Practical Exams on time during the absence of an External Examiner with the help of Engineers from local government engineering departments such as DOT, Electrical, TV, Radar, etc.
* Branded as a **Trouble Shooter and a Go Getter**

**Key Areas of Responsibility:**

* Accomplished Recruitment Board Member of Line Training Captain (LTC) / Type Rating Instructor (TRI), Cabin Crew Safety Emergency Procedures (SEP) Instructors, Engineers, Technicians, and Apprentices.
* Mentoring SMEs, and instructors, and evaluation of instructor performance. Accomplishment of DGCA mandatory training to Pilots, Cabin Crew, flight dispatch Officers, Aircraft Maintenance Engineers, technicians, and Ground Services Personnel.
* DGCA Approved Ground Instructor to pilots on Airbus fleet A319/A320/A321/3A00/A330, Jan1997-Aug2022
* DGCA Approved Alternate Cabin Safety Training Manager (ACSTM) of Air India for Airbus Fleet, from 17th May 2016– August 2022.
* DGCA Approved Safety Emergency Procedures (SEP) Instructor to Cabin Crew on Airbus fleet A319/A320/A321/3A00/A330 and Boeing B787, May 2001- Aug 2022.
* DGCA Approved Dangerous Goods Regulations (DGR) Instructor to Flight Crew Members (Pilots) and Load Planners (Category 10), Crew Members (Cabin Crew) (other than Flight Crew Members) (Category 11), June 2008 – Aug 2022.
* DGCA Approved Engineering Instructor to Aircraft Maintenance Engineers & Technicians on Airbus Fleet A319/A320/A321/A300/A330 (Airframe /Engines/Avionics Systems for Engineers & Technicians), Aug 1992- Dec1996.
* DGCA Approved Quality Auditor for the AELTO & TSP of Air India, Central Training Establishment, Hyderabad, Delhi, Mumbai, Jan 2021-Aug 2022
* SMS and CRM Instructor, Jan 2007- Aug 2022
* Planning and development of training are needed to achieve the best performance, quality, and productivity.
* Maintenance of the database of Trainers, Operating Crew, and other personnel training validities. The accomplishment of their licenses and Approvals current
* Collaborated and accredited with successful completion of DGCA audits as well as IATA Operations Safety audits (IOSA) in Flight (FLT) & Cabin (CAB).
* Representing Executive Director (Trg) in different Training /Technical / Modification (MOD) committee / Minimum Equipment List (MEL) meetings. Representing OTT/OPT department on Safety Management System (SMS) meetings at different Flatforms
* Heading the OTT/OPT training departments, managing the end-to-end training requirements, planning courses, handling Manpower, and ensuring effective utilization of all available resources.
* Collaborated and accomplished in the preparation of different regulatory manuals such as the Ops Manual, Cabin Crew Training Manual, Safety and Emergency Procedural Manual (SEPM), Quick Reference Handbook (QRH), and Dangerous Goods Regulations (DGR) Manuals.
* Actively involved in obtaining DGCA approvals of the above said Manuals.
* Board member of Pension Trust of Air India Ltd for two terms.
* Owned Airlines Ground Instructors Association (AGIA) for 06 years, independently carried out Annual financial accounting, auditing, and submission to the Labor Commissioner, Government of AP, Hyderabad.

## Key Training Completed:

* Completed a two-week workshop on the Middle Management Seminar on Modern Airline Management (STAM 04d) conducted by EURESAS under the EU-India Civil Aviation Project from 06th to 18th October 2003.

## Key Accomplishments:

* Entrusted with the end-to-end responsibility of setting up the AELTO & TSP Establishments for Air India at CTE, Hyderabad, Mumbai, and Delhi (a current DGCA regulatory requirement) by the then ED (Training). Collaborated with the preparation of each Doc, Note Sheet, Training and Procedural Manual (TPM), and Recruitment of English Language experts. Finally Accomplished the DGCA Approval to AELTO and TSP of Air India.
* Established flawless training roster and implemented procedure, the framework for training approximately 2000 pilots and 3000 cabin crew, 250 Flt Dispatch Officers with 50 % of the standard force of Instructors available.
* As the General Secretary of the Airlines Ground Instructors Association (AGIA) negotiated with the then top management consisting of Dir (Personnel), Dir (IR), Dir (Fin), and CMD and achieved the first & best outcome in doubling the remuneration of each Trainer of the group and with one up promotion for every Trainer.
* Successfully negotiated with the top management consisting of the recent Dir (Personnel), Dir (IR), Dir (Fin), and CMD in reinstating an allowance to the tune of Rs. 60,000/-per month for each employee of the group.
* Addressed acute shortage of Ground Instructors a Aviation English Language experts in the Aviation English Training Organization (AELTO) and Testing Service Provider (TSP).
* The accomplishment of relevant note sheets to justify the above roles and successfully got them approved by the GM (Ops Trg), ED (Trg), COO (Chief of Operations Officer), and CHRO (Chief Recruitment Officer)
* Addressed the Ground Instructors Transport facility which was stopped recently. By generating Cost Benefit Analysis.

## Accolades:

* Received appreciation letter from the Executive Director & Chief of Flight Safety and head of Corporate Safety and Environment Management Systems, having played a stellar role in the success of the IOSA audit on 28 August 2017.
* Received appreciation letter from Executive Director (Ops & Trg) for the contribution of successful completion of the standing committee of parliament on Transport, Tourism, and Culture visit to Central Training Establishment, Hyderabad on 27th September 2008.
* Certificate of achievement on the GPS KLN 900 Flight maintenance from Allied Signal, on 5th December 1996.
* Certificate of achievement in Theory and Operations of Inertial Navigation System (INS) - TNL 2100T on 11th April 1994.
* Received Long Service Memento from Air India Ltd. on completing 25 years of service on 28.08.2017.

Publications & Presentations

* **Joseph Chakravarthi Chavali**, presented a research paper “Fault Analysis of Aircraft Systems Indicated on a Cockpit Panel by Using Image Processing” at **IEEE** 1st International Conference on Advances in Signal Processing, Power, Communication and Computing (ASPCC-2024), IIIT, Bhubaneswar, Odisha, India on 19th December 2024
* **Joseph Chakravarthi Chavali**, D. Abraham Chandy, “Automatic Text Extraction from a Cockpit Panel through Optical Character Recognition Algorithm using Color-Intelligent RGB to Black and White Conversion Method”. International Journal of Engineering Trends and Technology, ISSN: 2231-5381, [https://doi.org/10.14445/22315381/IJETT-V72I9P102,](https://doi.org/10.14445/22315381/IJETT-V72I9P102)

**(Scopus Indexed Journal)**

* **Joseph Chakravarthi Chavali**, D. Abraham Chandy "Detection of Aircraft Technical System Failures or Malfunctions by Using Image / Video Processing of Cockpit Panels" International Journal of Engineering Trends and Technology 69.7(2021):20-28. ISSN: 2231-5381 / [DOI 10.14445/22315381/IJETT-V69I7P203.](https://www.ijettjournal.org/Volume-69/Issue-7/IJETT-V69I7P203.pdf) , **(Scopus Indexed Journal)**
* **Joseph Chakravarthi Chavali**, D Abraham Chandy, "Cockpit Fault Detections using Image / Video Processing in Aviation", 5th International Conference on Science, Technology & Management (ICSTM-2017) held at The Institute of Engineers India, Visvesvaraya Bhavan, Hyderabad, Telangana, India on the 3rd December 2017, ISBN: 978-93-87433-03-8.

https://www.researchgate.net/publication/379958206\_Cockpit\_Fault\_Detection\_by\_using\_Image\_Video\_Processing\_in\_Aviation

Professional Memberships

* Life Member of The Indian Society for Technical Education (MISTE) (LM24703) 04.09.97.
* Member of Aeronautical Society of India (M.Ae.S.I.) (M16165).