

**Name**

Professor Devinder Yadav

**Personal Details**

Professor of Aerospace Practices, School of Aerospace

**Qualifications**

PhD (Curtin University), MRAeS, MSIAE

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**Biography**

Devinder has extensive experience in aerospace industry and academia. He has held a variety of responsible leadership, management, and academic positions in large international airlines, aircraft manufacturers, and universities. In addition to the academic qualifications, he also holds an Aircraft Engineer License with several ratings starting from Cessna 152 to wide-body Airbus & Boeing 747-400 aircraft, and a Pilot License. Furthermore, he holds a range of other aviation professional qualifications in the field of aviation management, auditing (quality & safety), human factors, dangerous goods, training the trainer, and accident/incident investigation.

**Major research interests and expertise**

International civil aviation regulatory framework, aviation safety, health & safety, aircraft personnel licensing, airport engineering, airworthiness, flight operations, aircraft maintenance, and aviation management.

**Teaching**

Certification, Safety and Reliability  
Individual Project

**Recent publications**Refereed Journal Paper

Yadav, D. K., Nikraz, H., & Chen, Y. (2016). An insight into influences of the workers' compensation and injury management regulations on aviation safety at a workplace. *International Journal of Injury Control and Safety Promotion*, 23 (1), 99-104.

Yadav, D. K., & Nikraz, H. (2014). Implications of evolving civil aviation safety regulations on safety outcomes of air transport industry and airports. *Aviation*, 18 (2), 94-103.

Yadav, D. K., & Nikraz, H. (2013). Technical evaluation of runway pavement using deflection method. *Aviation*, 17 (4), 150-160.

Yadav, D. K. (2012). University aviation degree courses: A study of labour market and student retention challenges for sustainable course development. *Industry and Higher Education*, 26 (5), 1-9.

Yadav, D. K., & Shukla, S. K. (2012). An analytical model for deflection of the runway pavement at touchdown point caused by an aircraft during landing. *International Journal of Geomechanics*, 12 (2), 113-118.

Yadav, D. K., & Nikraz, H. (2012). An insight into professional registration of technical personnel in aeronautical engineering industry. *Aviation*, 16 (2), 51-55.

Yadav, D. K., & Nikraz, H. (2012). An insight into bearing strength reporting methods of a runway pavement. *International Journal of Critical Infrastructures*, 8 (4), 326-335.

#### Recent papers at Conferences, Workshops & Seminars Conference Papers

Yadav, D.K. (2010). Changing hands in aircraft maintenance: A flight safety concern. *Proceedings of 2010 PATREC Research Forum*. Perth: University of Western Australia.

Yadav, D.K. (2010). Efficacy of flying training integration in an academic program of study. Perth, Australia: ECU, Centre for Learning and Development.

#### **Research Grants and awards**

Research Infrastructure Block Grant (2010): Development of experimental facilities for study of effects of vibration on machines, structures, and human body. Australia.

Special L&T Project Grant Scheme (2010): Investigating the possibilities of implementing a national curriculum for aviation degrees across Australian universities. Australia.

Special L&T Project Grant Scheme (2009): Assessment of the efficacy of pilot training in an academic program of study. Australia.

Outstanding Teacher Award 2015, Shenyang Aerospace University, China

Community Service Volunteer Award 2015, Shenyang Community Centre, China

Honorary Credential of Achievement 2015, Shenyang Aerospace University, China

Shenyang Rose Award 2013 (Awarded by the local government), China.

Outstanding Teacher Award 2013, Shenyang Aerospace University, China

Liaoning Honorary Award 2012 (Awarded by the provincial government), China.

Excellent Teaching Staff Award 2012, Shenyang Aerospace University, China