


**FACULTY INFORMATION**

PERSONAL INFORMATION		
Name	Antonio Davis	
Designation	Professor, Director - in - Charge, IIAEM	
Official Email ID	<a href="mailto:antonio.davis@jainuniversity.ac.in">antonio.davis@jainuniversity.ac.in</a>	
Academic Experience	6.5 Years	
Industry Experience	25 Years	
Core Discipline	Aerospace Engineering	
Specialization	Propulsion, CFD and Heat Transfer	
Research Interest	Compressor Stall, Engine Health Monitoring, Thrust Vectoring	

PROFESSIONAL QUALIFICATION		
Qualification / Discipline (Start with UG degree)	Year of Passing	Institution
Ph.D. (Aerospace Engineering)	1999	IISc, Bangalore
MS (Aerospace Engineering)	1988	IIT, Madras
BE (Mechanical)	1985	Gulbarga University, Gulbarga

MEMBERSHIP OF PROFESSIONAL BODIES		
Professional Society	From Year	Nature of Membership
Institution of Engineers (India)	2007	Lifetime Membership (M-133485-3)
The Aeronautical Society of India	2004	Lifetime Membership (M-17551)

SUMMARY OF RESEARCH PUBLICATIONS		
INTERNATIONAL JOURNALS		
Journal Name	Date, Volume & Issue No (From the Latest)	Paper Title
International Journal of Turbo and Jet Engines	8 <sup>th</sup> October 2019	Surplus power approach to diagnose gas turbine engine starting characteristics.

NATIONAL JOURNALS		
Journal Name	Date, Volume & Issue No (From the Latest)	Paper Title
Journal of Aerospace Quality and Reliability	Vol 7, December 2009	Strategic quality management and risk - based thinking.

SUMMARY OF CONFERENCES PARTICIPATED		
INTERNATIONAL CONFERENCES		
Name of the Conference	Organizer, Place	Year
ISABE, (International Symposium on Air Breathing Engines)	Bangalore, India	September 2001

NATIONAL CONFERENCES		
Name of the Conference	Organizer, Place	Year
Air Breathing Engines and Aerospace Propulsion	NCABE, Hyderabad	2000
Air Breathing Engines and Aerospace Propulsion	NCABE, Hyderabad	1996

PATENTS		
Name of the Patent	Year	Description
System and Method for Real - Time Monitoring of Starting System of Gas Turbine Engine	2019	The present invention relates to systems and methods employed for real-time monitoring of starting system of aircraft gas turbine engine on ground that ensure reliability for in - flight reflight and safety to aircraft and operating personal Application no.: 201911053746

PAST POSITIONS HELD BEFORE PRESENT ASSIGNMENT		
Designation	From - To	Institution / Organization
Principal Consultant	November 2001 - May 2013	Infotech Enterprises Limited (now known as Cyient)
Scientist	January 1988 - November 2001	DRDO

POSITIONS HELD IN THE PRESENT ORGANIZATION		
Designation	From - To	Institution / Organization
Director in Charge	October 2019 - Till Date	Jain (Deemed-to-be University), Faculty of Engineering and Technology
Professor	December 2013 - September 2019	Jain (Deemed-to-be University), Faculty of Engineering and Technology

RESEARCH GUIDANCE		
Total No. of Students Guided	Ph.D.	M.Phil
3	3	NIL

RESEARCH PROJECTS		
Name of the Project	Type of the Project (Sponsored / Consultancy / Government Funded)	Status of the Project (Ongoing / Completed)
Investigation of Stall Characteristics and Surge Detection in Small Gas Turbine Engines	Government Funded, Sponsored by GTRE (DRDO)	Ongoing