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Uma Maheshwar is the Executive Chief Consulting Engineer for **700+ member** GE Aviation India engineering team at Bangalore. The team is involved in **design & development of next generation propulsion systems**, support of aircraft engine fleet and development of customized digital and engineering software. Uma has ~ **27years of experience** in setting up & leading large organizations in Research & Technology, Advanced Design, Engineering, Manufacturing, and CAD/CAM/CAE/PLM domains.

Uma joined GE Aviation in 2001 and since then **held many leadership positions** in Aviation Engineering. He was instrumental in **setting up & leading 200+ member** world-class Advanced Technology teams at Bangalore for GE Aviation. Uma played key role in **design& development of 7 new aircraft engine programs** covering full life cycle particularly in Architectural evaluation, Cycles, Mechanical, Rotor Dynamics, Thermal systems, Combustion Aero, Turbine Aero, Acoustics disciplines.

Prior to GE, Uma held positions with Larsen & Toubro (L&T) for 8years. During his association with L&T, Uma lead engineering of **25 mega plants** for Oil& Gas, Fertilizer, Power, Petro-chemical, Defense, Nuclear sectors involving design, manufacturing and commissioning. Uma has set up and lead Advanced Design & CAE team at L&T's largest manufacturing plant-Hazira works. He was one of the Management Representative to **set up Engineering Services Company for L&T**.

Uma holds Master's in Mechanical Engineering and Aerospace MBA from Toulouse Business School- France. He has presented papers/publications/key note sessions in **100+ National & International conferences**. Uma was recognized with many awards and is a member of SAE Aerospace Board, NAFEMS Board, NACCOM ER&D Council and academic/industry bodies.