

Dr. CM Manjunatha, Chief Scientist and Head, SID, CSIR-NAL

List of Ph.D. / M.Tech thesis Supervised

Name of the Ph.D. Student	University	Topic/ Area of Research	Current Status
Mr. PK Sahoo	IISc, Bangalore	Strength prediction and fatigue de-bond growth in bonded joints in metallic and composite structures https://etd.iisc.ac.in/handle/2005/2002	Awarded Ph.D. Nov. 2011
Ms. MS Duragkar	VNIT, Nagpur	Damage tolerance behavior of a polymer composite under fatigue	Awarded Ph.D. Dec. 2014
Mr. J Raju	VTU, Belgaum	Onset of growth of delamination in polymer composite under fatigue	Awarded Ph.D. Jan. 2017
Mr. N Jagannathan	IISc, Bangalore	Matrix cracking in polymer matrix composites under static and fatigue loading https://etd.iisc.ac.in/handle/2005/4339	Awarded Ph.D. Dec. 2019
Mr. MS Nandana	NITK, Surathkal	Effects of heat treatment on FCGR behavior of Aluminum alloys http://idr.nitk.ac.in/jspui/handle/123456789/16832	Awarded Ph.D. Dec. 2020
Mr. Sharanagouda	AcSIR, (CSI-NAL)	Damage tolerance Evaluation of Engine Materials Under Spectrum Loads	Submitted Jun 2022
Mr. N Nagarajappa	VTU, Belgaum	Damage tolerance evaluation of aircraft materials through Finite element analysis methods	In Progress

Post-graduate (M.E./M,Tech) Dissertation

Name of the Student	University	Topic/ Area of Research	Year
Ms. Vrinda R	VTU	Finite element analysis and evaluation of aircraft structural components	2022-23
Mr. S Kamath	VTU	FCG prediction under spectrum loads using K^*-K_{cl} approach	2015-16
Mr. BS Mithuna	VTU	Stiffness degradation behavior of a polymer nanocomposite	2014-15
Mr. N Tilak	Manipal University	Design, fabrication and validation of servo-hydraulic torsional test m/c	2014-15
Ms. AT Kavyashri	VTU	Effect of load sequence on the fatigue behavior of a nanocomposite	2013-14
Ms. K Shreya	MS Univ., Baroda	Effect of stress ratio on fatigue behavior of a nanocomposite	2012-13

Mr. S Basavaraju	VTU	Fatigue life prediction of a carbon fiber composite	2011-12
Mr. E Sagar	VTU	Damage tolerance evaluation of an aluminum alloy	2010-11
Mr. M Mohan Kumar	VTU	Two bay crack arrest analysis of a transport aircraft fuselage stiffened panel	2007-08
Mr. Shivakumar	UVCE	Effects of environment on mechanical properties of composites	2006-07
Mr. Vital S Naik	VTU	Fatigue behavior of airframe metallic alloys	2005-06
Mr. Satyanarayana	VTU	Damage tolerance evaluation of an aluminum alloy under a transport aircraft spectrum loads	2004-05
Mr. KG Siddesh Gowda	VTU	Fatigue crack growth studies in an aluminum alloy under FALSTAFF load sequence	2004-05
Mr. M Raghavendra	VTU	Hygro-thermal effects on the mechanical properties of aircraft structural composite materials	2003-04
Mr. N Basavaraju	VTU	Studies on fatigue and fracture behavior of an aluminum alloy	2003-04