

PhD. Degree awardees

2014 batch

	Name	Gantayata Gouda
	Title	“Investigation of operability issues encountered in generic turbojet engine”
	Guide	Dr.Soumendu Jana and Dr.Venkat Iyengar, Propulsion Division
	Year of Joining / Faculty	Aug, 2024 Session / Engineering Sciences
	Award of Degree	06-Oct-2020
	Name	Kishora Shetty
	Title	“Hot-wet environmental effects on properties of ima/m21e aerospace grade cfrp composite”
	Guide	Dr.Shylaja Srihari, CSMST
	Year of Joining / Faculty	Aug, 2024 Session / Engineering Sciences
	Award of Degree	17-May-2021
	Name	Chandan Kumar A
	Title	“Role of the Horseshoe Vortex and the Effect of Controlling its Formation at the Wing-Body Intersection by a Fairing Design”
	Guide	Dr.L.Venkata Krishnan, EAD
	Year of Joining / Faculty	Jan – 2014 Session / Engineering Sciences
	Award of Degree	25-Jun-2021
	Name	Promeo Charles
	Title	“Aeroservoelastic system modelling with active control applications using experimental and theoretical methods “
	Guide	Dr.S.Raja, STTD and Dr. Niranjana.K.Sura, ADA
	Year of Joining / Faculty	Jan – 2014 Session / Engineering Sciences
	Award of Degree	09-Nov-2021

## 2014 batch

	Name	Sandeep Kumar
	Title	“Stochastic Response and Reliability Analysis of Aeroelastic Structures”
	Guide	Dr. Amit Kumar Onkar and Dr. Manjuprasad M, STTD
	Year of Joining / Faculty	Jan – 2014 Session / Engineering Sciences
	Award of Degree	31-Aug-2021
	Name	Vijayakumar M P
	Title	“Studies on Multifunctional Conductive Composites for Morphing UAV wing”
	Guide	Dr. S Raja, STTD and Dr. L Rangaraj, MSD
	Year of Joining / Faculty	Aug – 2024 Session / Engineering Sciences
	Award of Degree	11-May-2022
	Name	Jebakumar
	Title	“Control Design for Carefree Maneuvers in High Performance Fighter Aircraft”
	Guide	Dr. Abhay A Pashilkar, FMCD
	Year of Joining / Faculty	Aug – 2014 / Engineering Sciences
	Award of Degree	19-Jan-2023

## 2015 Batch

	Name	Rajaguru K
	Title	“Study on Reactive Densification of Zr-C and Zr-C-B Ultra-High Temperature Ceramics at Moderate Pressure and Temperature”
	Guide	Dr.Rangaraj, MSD
	Year of Joining / Faculty	Jan – 2015 Session / Engineering Sciences
	Award of Degree	30-Jan-2021

2015 Batch

	Name	Srinivasa Rao Achuta
	Title	“Development of Stable Selective Solar Absorber Coatings for Concentrated Solar Thermal Applications”
	Guide	Dr. Harish Barshilia, SED
	Year of Joining / Faculty	Jan – 2015 Session / Chemical Sciences
	Award of Degree	02-Jun-2021
	Name	Jayalakshmi Nagam
	Title	“Reliable Fault Identification for Real Time Flight Controller Reconfiguration”
	Guide	Dr. G K Singh, FMCD
	Year of Joining / Faculty	Jan – 2015 Session / Engineering Sciences
	Award of Degree	14-Feb-2022
	Name	Adhila T K
	Title	“Growth Mechanism and Optical Properties of the Slanted, Kinked and Straight Silicon Nanowires”
	Guide	Dr. Harish Barshilia, SED
	Year of Joining / Faculty	Jan – 2015 Session / Physical Sciences
	Award of Degree	24-May-2022

2016 Batch

	Name	Dillibabu M
	Title	“Investigation of pilot workload through simulator and inflight studies”
	Guide	Dr. Abhay Pashilkar, FMCD
	Year of Joining / Faculty	Jan – 2016 Session / Engineering Sciences
	Award of Degree	29-Oct-2020

2016 batch

	Name	Sreevidya P V
	Title	“Study of GMR based Spin Valve Multilayer Systems and Their Application in Angle Sensing”
	Guide	Dr.Prasanth Choudary and Dr. Harish C Barshilia, SED
	Year of Joining / Faculty	Jan – 2016 Session / Physical Sciences
	Award of Degree	18-Nov-2020
	Name	Shrishail I Guggari
	Title	“Analytical and Computational Investigation of Thermal Performance Metrics: Application to CPU Cooling in HPC Servers “
	Guide	Dr. V. Ramesh, CTFD
	Year of Joining / Faculty	Jan – 2016 Session / Engineering Sciences
	Award of Degree	17-Nov-2021
	Name	Borole Umesh Pramod Shailaja
	Title	“Development of Giant Magnetoresistance (GMR) based Current Sensors”
	Guide	Dr. Prasantha Choudary, SED
	Year of Joining / Faculty	Jan – 2016 Session / Engineering Sciences
	Award of Degree	12-Dec-2022
	Name	Bharadwaja Yathirajam
	Title	“Computationally Efficient On-Board Vision-Inertial Navigation for Obstacle Detection and Avoidance of Unmanned Autonomous Systems”
	Guide	Dr. S M Vaitheeswaran, ALD
	Year of Joining / Faculty	Jan – 2016 Session / Engineering Sciences
	Award of Degree	06-Feb-2023

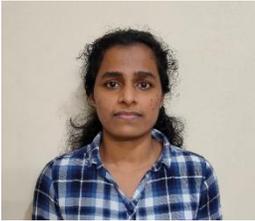
2017 Batch

	Name	Niranjana K
	Title	“Design and Fabrication of WAISiN Based Spectrally Selective Solar Absorber Coating for High Temperature Solar Thermal Applications”
	Guide	Dr. Harish Barshilia, SED
	Year of Joining / Faculty	Jan – 2017 Session / Engineering Sciences
	Award of Degree	24-May-2022
	Name	Veereshgouda S Naragund
	Title	“A Study on Preparation and Characterization of Polymer Nanofiber Membranes by Electrospinning Process for Filtration Applications”
	Guide	Dr. P K Panda, MSD
	Year of Joining / Faculty	Jan – 2017 Session / Engineering Sciences
	Award of Degree	02-Aug-2022
	Name	Sharanagouda
	Title	“Damage Tolerance Evaluation of Nickel Based Super alloys Under Spectrum Loads”
	Guide	Dr. C M Manjunatha, SID
	Year of Joining / Faculty	Jan – 2017 Session / Engineering Sciences
	Award of Degree	04-Jan-2023
	Name	Viswanatha Rao
	Title	“Information Fusion Methodology for Detection of Flutter Signature in a Transonic Fan Stage of Gas Turbine Aero-Engine”
	Guide	Dr. V P S Naidu, FMCD
	Year of Joining / Faculty	Jan – 2017 Session / Engineering Sciences
	Award of Degree	26-Jun-2023

2018 batch

	Name	Soumya B
	Title	“A Study on Preparation and Characterization of Electrospun Polymer Nanofiber Membranes with Varied Wettability”
	Guide	Dr. P K Panda, MSD
	Year of Joining / Faculty	Jan – 2018 Session / Engineering Sciences
	Award of Degree	19-May-2023
	Name	Chandukrishna Y
	Title	“An Improved Numerical Method and its Assessment for Aerodynamics of Wing-Propeller Interactions”
	Guide	Dr. T N Venkatesh, CTFD
	Year of Joining / Faculty	Jan – 2018 Session / Engineering Sciences
	Award of Degree	12-Mar-2024
	Name	Bhavya E V
	Title	“Metamaterial based Broadband Absorbers for Reduction of Radar Cross Section”
	Guide	Dr. Balamati Choudhury, CEM
	Year of Joining / Faculty	Jan – 2018 Session / Engineering Sciences
	Award of Degree	04-Apr-2024
	Name	Narasimha Swamy S
	Title	“Development of Novel Energy-Efficient Secured Application Layer Protocols for IoT Applications“
	Guide	Dr. Kota Soloman Raj, ICTD
	Year of Joining / Faculty	Aug – 2018 Session / Engineering Sciences
	Award of Degree	24-Dec-2024

2019 Batch

	Name	Thejaswini
	Title	“Fabrication of non-hysteric bipolar and linear magnetic field sensor with optimized GMR-Based Synthetic Antiferromagnetic Spin Valve Stack”
	Guide	Dr. Prasanta Chowdhury, SED
	Year of Joining / Faculty	Jan – 2019 Session / Physical Sciences
	Award of Degree	06-Aug-2024
	Name	Anina Anju B
	Title	“Non-linear Dielectrics for Energy Storage Applications”
	Guide	Dr. Soma Dutta, MSD
	Year of Joining / Faculty	Jan – 2019 Session / Physical Sciences
	Award of Degree	25-Mar-2025
	Name	Amrutha V
	Title	“Study of micro-nanostructured selective absorber coating via rapid heat treatment of Silicon/Stainless steel for high-temperature solar thermal applications”
	Guide	Dr. Harish C Barshilia, SED
	Year of Joining / Faculty	Jan – 2019 Session / Physical Sciences
	Award of Degree	01-Apr-2025

2021 batch

	Name	Anju Sharma
	Title	“AI Driven Data Fusion Techniques for Health Assessment of Rotary Systems”
	Guide	Dr. V P S Naidu, FMCD
	Year of Joining / Faculty	Jan – 2021 Session / Engineering Sciences
	Award of Degree	12-Dec-2024
	Name	Thejas T S
	Title	A Study on Electrical and Strain Properties of Rare Earth Doped Barium Titanate Based Lead-Free Piezoelectric Materials
	Guide	Dr. P K Panda and Dr. Benudhar Sahoo
	Year of Joining / Faculty	Jan – 2021 Session / Engineering Sciences
	Award of Degree	18-Feb-2025