

Harcourt Butler Technical University
School of Engineering
Department of Mechanical Engineering

List of Ph.D. Completed

S.No.	Name of Ph.D. Scholar	Ph.D. Topic	University	Name of Supervisor	Year of Award
1	Sanjay	<i>Thermodynamic analysis of combined cycle gas/steam cycle and co-generation plants</i>	UPTU, Lucknow	Dr. Onkar Singh	2005
2	Jagdish Prasad Yadav	<i>Thermodynamic analysis of steam injected gas turbine and combined gas/steam cycle</i>	UPTU, Lucknow	Dr. Onkar Singh	2006
3	Raghu Raj Singh	<i>Analysis and design of methodologies for software quality/reliability measures</i>	UPTU, Lucknow	Dr. Onkar Singh	2006
4	Bharat Raj Singh	<i>Design and Analysis of Air Engine</i>	GBTU, Lucknow	Dr. Onkar Singh	2011
5	Pravin Kumar Singh Yadav	<i>Development, characterization and performance evaluation of biodiesel</i>	GBTU, Lucknow	Dr. Onkar Singh	2012
6	Ashok Yadav	<i>Comparative evaluation of CI engine performance and life cycle analysis for Jatropa, Karanja and Neem biodiesel fuels</i>	GBTU, Lucknow	Dr. Onkar Singh	2012
7	Sanjay Kumar	<i>Investigation into transpiration cooling of gas turbine blades used in gas/steam combined cycle power plants</i>	GBTU, Lucknow	Dr. Onkar Singh	2013
8	Meeta Sharma	<i>Thermodynamic analysis and optimization of heat recovery steam generator (HRSG) for gas/steam combined cycle</i>	AKTU, Lucknow	Dr. Onkar Singh	2015
9	Mohan Krishna Mishra	<i>Modeling adaptive control of layer hardening of steel beams subjected to electromagnetic induction</i>	AKTU, Lucknow	Dr. Onkar Singh	2016
10	Anoop Kumar Shukla	<i>Thermodynamic analysis of gas/steam combined cycle with different means of inlet air cooling</i>	AKTU, Lucknow	Dr. Onkar Singh	2017
11	Mukesh Kumar	<i>Investigations on CI engine performance, emission and its limitation using biodiesels from jatropa, mahua and neem oils in Indian conditions</i>	UTU, Dehradun	Dr. Onkar Singh	2018
12	Sanjay Shukla	Dynamic Analysis of a Railway Passanger Vehicle.	UPTU	Dr. Rajive Gupta	2012
13	Anita Sethia	Optimal Visualization and Analysis of the protein crstal growth process.	UPTU	Dr. Rajive Gupta	2013
14	Mohit Katiyar	Polymer composites based microwave absorbers	AKTU	Dr. Anand Kumar	Submitted 2018

List of Ph.D. Ongoing

S.No	Name of Ph.D. Scholar	Ph.D. Topic	University	Name of Supervisor	Year of Enrolment
1	Priyanka Katiyar	Development of nano particles filled composites with improved damping characteristics	AKTU	Dr. Anand Kumar	2013-14
2	Aditya Kumar	Design and fabrication of honeycomb sandwich panels for structural usage	AKTU	Dr. Anand Kumar	2014-15
3	R.K. Ambikesh	Design & development of utility product from waste rubber.	AKTU	Dr. Anand Kumar	2016-17
4	Satyendra Kumar	Mechanical behaviour of fibre reinforced ultra high temperature ceramic composites	AKTU	Dr. Anand Kumar	2018-19
5	Neha Rajput	Design and analysis of model setup for the Cooling of cryogenic propellants in space vehicles	HBTU	Dr. Anand Kumar and Dr. V.P. Singh	2018
6	Alok Tripathi	Thermodynamic investigations on Oxy-fuel combustion and super critical Carbon dioxide based power cycles	HBTU	Dr. Onkar Singh	2018
7	Krishna Mani Mishra	Thermodynamic and Environmental study of Tri-generation systems using different energy sources	HBTU	Dr. Onkar Singh	2017
8	Priyasheel Sinha	(Topic to be provided by Dr. Rajive Gupta)	AKTU	Dr. Rajive Gupta	2015
9	Ms Ruchi Gupta	Damage Analysis of Bio coated Metallic Implants	AKTU	Dr. V.P. Singh	2014
10	Sri Sanjay Tiwari	Fabrication and Evaluation of Mechanical Properties of Silk-Hemp Hybrid Natural Fibre Reinforced Composite	AKTU	Dr. V.P. Singh	2014
11	Sri Shyam Sunder (Under TEQIP-III)	Fabrication and Analysis of Value added Polymeric Composites using e-waste.	HBTU	Dr. V.P. Singh	2018
12	Gaurav Kumar Pandey (Under TEQIP-II)	Modeling and Multi-objective optimization of Vibration Assisted Electrical Discharge Drilling Process	AKTU	Dr. S.K. S. Yadav	2016
13	Sunil Kumar Yadav	Experimental analysis of micro Electro chemical diamond Grinding Process for titanium alloy and Ni alloy	AKTU	Dr. S.K.S. Yadav	2015
14	Arpit Srivastava	Experimental Study and multi objective optimization of Milling Electrochemical Spark machine	HBTU	Dr. S.K.S. Yadav	2017
15	Mayank Shekhar (Under TEQIP-III)	Development, Modeling and Optimization of Electro Chemical Diamond Drilling Process.	HBTU	Dr. S.K.S. Yadav	2018