

## **RESEARCH ACTIVITIES UNDER ANSYS SKILL DEVELOPMENT CENTER**

**A.Y 2017-18:**

### **M.TECH STUDENTS**

<b>S.No.</b>	<b>Hall Ticket</b>	<b>Name of the student</b>	<b>Guide Name</b>	<b>Title of the Project</b>
1	15761D2102	B.Chaitanya	Dr.P.Vijay Kumar	Experimental Investigation on Heat Transfer Phenomena of Different Fluids in Corrugated Plate Heat Exchanger
2	15761D2103	B.Prakash	Dr.P.Vijay Kumar	Thermo-Hydrodynamics of A Closed Loop Pulsating Heat Pipe Using CFD
3	15761D2104	D.Kameswara Rao	Dr.P.Vijay Kumar	Experimental and Computational Analysis of Mixer Ejector
4	15761D2110	M.KusumaKumari	Dr.P.Ravindra Kumar	Simulation and Performance Analysis of Solar Parabolic Trough Collector

### **B.TECH STUDENTS**

<b>S.No.</b>	<b>Hall Ticket</b>	<b>Guide Name</b>	<b>Title of the Project</b>
1	14761A0316 14761A0323 15765A0310 14761A0305	Dr.P.V.Chandrasekara Rao	FATIGUE AND WEAR ANALYSIS ON Al-7Si CAST ALLOYS
2	14761A0353 14761A0330 14761A0337 14761A0355 14761A0332	Dr.S.Pichi Reddy	CHARACTERISATION OF MECHANICAL PROPERTIES OF B4C REINFORCED Al-METAL MATRIX COMPOSITES USING POWDER METALLURGY
3	14761A0317 14761A0324 14761A0322 14761A0338	Dr. P Vijay Kumar	HEAT TRANSFER ENHANCEMENT WITH CuO NANOFUID IN TUBE IN TUBE HEAT EXCHANGER
4	14761A0341 14761A0312 14761A0301	B.Sudheer Kumar	VIBRATION ANALYSIS ON ENGINE ELASTOMERIC ANGULAR MOUNT
5	14761A0349 14761A0334 14761A0328	K.V.Viswanadh	FRACTURE ANALYSIS ON FUNTIONALLY GRADED MATERIALS AND LEAF SPRING

	14761A0335		TESTING
6	14761A0325 14761A0311 15765A0311 14761A0321	CH.SivaSankarBabu	DAMAGE ANALYSIS OF BEAM-LIKE STRUCTURE WITH VARYING BOUNDARY CONDITIONS
7	14761A0347 14761A0348 14761A0344 15765A0304	A.V.V. Ram prasad	EXPERIMENTAL INVESTIGATION ON HEAT TRANSFER CHARACTERISTICS OF A RECTANGULAR PLATE WITH DIMPLES
8	15765A0305 14761A0326 15765A0306 15765A0303	G.Kartheek	VIBRATION ANALYSIS OF CI-ENGINE WITH n-BUTANOL BLENDS OF VARIABLE INJECTION PRESSRES AND PREDICTION USING ARTIFICIAL NEURAL NETWORKS
9	14761A03A5 14761A03B3 14761A03A3 14761A0386	Dr.S.Pichi Reddy	CHARACTERIZATION OF Al6063/B4C/MOS2 METAL MATRIX COMPOSITES FABRICATED THROUGH LIQUID METALLURGY
10	14761A03A9 14761A0397 14761A03A7 14761A03B8	Dr.P.V.Chandra sekara Rao	FAILURE ANALYSIS OF Al-7Si CAST ALLOYS
11	15765A0325 14761A03A4 14761A03B7 14761A03A2	Dr.P.Ravindra Kumar	ANALYSIS AND COMPARISION OF ULTRASONIC TESTING AND RADIOGRAPHY TESTING ON WELD JOINT ANALYSIS BY USING ANSYS
12	14761A0396 14761A0371 14761A03B4 15765A0328	Dr.P.Vijay Kumar	DEVELOPMENT OF A PROTOTYPE FOR FIRE FIGHTING HEXACOPTER
13	14761A03B6 14761A0391 14761A03C0	Dr.K.Dilip Kumar	IMPROVING THERMAL COMFORT IN THE RIDER'S HELMET
14	14761A03B0 14761A03A6 14761A0368 14761A0383	J.Subba Reddy	EXPERIMENTAL INVESTIGATION OF Al7075-HYBRID COMPOSITE USING EDM
15	14761A0376 14761A0384 14761A0375 14761A0377	K.Lakshmi Prasad	EXPERIMENTAL ANALYSIS ON CLOSED LOOP PULSATING HEAT PIPE AT DIFFERENT FILLING RATIO
16	14761A03A0 14761A0363 14761A0378 14761A0393	V.Venkatesu	KINEMATIC ANALYSIS AND FABRICATION OF FLAPPING WING MECHANISM

17	14761A03A8 14761A0381 14761A0389 14761A0394	V.Sankararao	FABRICATION OF A PROTOTYPE FOR CARGO DELIVERY HAXACOPTER
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