

T K M College of Engineering Kollam
Department of Mechanical Engineering
List of Research Scholars

Sl No.	Research Scholar	Guide	Title of Thesis	Research Type /University
1	Arun M	Dr. Jose Prakash M	Investigation on fluid flow and heat transfer in a film cooled rocket engine	Full Time/Kerala(QIP)
2	Sanukrishna S S	Dr. Jose Prakash M	Effect of nano particles on flow boiling of refrigerants and anti wear properties of lubricants	Full Time/Kerala(QIP)
3	Krishnakumar T S	Dr. Jose Prakash M	Investigations on the heat transfer characteristics of nano-fluids	Part Time/Kerala
4	Leena R	Dr. Jose Prakash M	Investigation on heat transfer and fluid flow of jet impingement cooling for high power electronics	Part Time/Kerala
5	Sheeba A	Dr. Jose Prakash M	Numerical and experimental investigations on Heat transfer and fluid flow characteristics of helical coil heat exchangers	Part Time/Kerala
6	Gouri Mohan L	Dr. K. K. Abdul Rasheed	Theoretical and experimental studies on different types of soils under frozen conditions	Part Time/Kerala
7	Vinod Kumar V	Dr. K. K. Abdul Rasheed	Analysis of Cryogenic engine near ejector flow field	Part Time/Kerala
8	Muhammed Zakkeer M	Dr. S. Jose	Investigations on quality improvement oriented training and educational programme and its financial accountability	Part Time/Kerala
9	Sudheer A	Dr. S. Jose	Improvement of Torsional Fatigue strength in seam-welded dual phase steel tubes	Part Time/Kerala
10	Sunil B	Dr. S. Jose	Evaluation of failure strength in multi-layered unsymmetrical laminated composites	Part Time/Kerala

Sl No.	Research Scholar	Guide	Title of Thesis	Research Type /University
11	M Shamnadh	Dr. P. N. Dileep	Analytical evaluation of mechanical deformation of human bone	Part Time/Kerala
12	Reshmi S. L	Dr. P. N. Dileep	Experimental and numerical investigation of mechanical deformation of bone	Part Time/Kerala
13	Sreekumar V K	Dr. P. N. Dileep	Studies on green supply chain management	Part Time/Kerala
14	Hashim V	Dr. P. N. Dileep	Investigation on Mechanical behaviour of coronary systems	Part Time/Kerala
15	Arun Jacob	Dr.K A Shafi	Experimental and numerical studies on synthetic jet impingement cooling	Part Time/Kerala
16	Sigikumar	Dr. K. A. Shafi	Studies on Green Building	Full Time/Kerala(QIP)
17	K Madhusoodanan Pillai	Dr.K E Reby Roy	Numerical investigations on non-premixed combustion in a typical film cooled cryogenic rocket thrust chamber	Part Time/Kerala
18	Jesna Mohammed	Dr.K E Reby Roy	Computational and experimental studies on chill down of helically coiled liquid nitrogen pipes with continuous and pulse flows	Part Time/Kerala
19	Abhiroop V M	Dr.K E Reby Roy	Investigations on the pressure drop and heat transfer characteristics of compact cryogenic regenerative heat exchangers	Part Time/Kerala
20	Gijoy S	Dr.K E Reby Roy	Finite element electro-mechanical analysis of superconducting magnets using roebel cable configuration	Part Time/Kerala
21	Bindhu S S	Dr.K E Reby Roy	Experimental and computational investigation of two phase flow through cryogenic transfer lines	Full Time/Kerala

Sl No.	Research Scholar	Guide	Title of Thesis	Research Type /University
22	Manu M. John	Dr.Rijo Jacob Thomas	Studies on emissivity of different materials under cryogenic temperatures	Part Time/Kerala
23	Tony John	Dr.Rijo Jacob Thomas	Development of Two-Phase Quality meter	Part Time/KTU
24	Shajan S	Contact Programme	Studies on solar based apour absorption refrigeration system	Full Time/Kerala(QIP)