Department of Basic science Publication details

Mathematics

Sl. No.	Name of the Faculty	Number of Papers		Title of the papers
		National	International	
1	Dr. Suresh Biradar		International	Convection Boundary Layer Flow and Heat Transfer of a Nano Fluid over a Moving Plate with Internal Heat Generation.
			International	Thermal Slip Effects on Flow and Heat Transfer due to an Exponentially Stretching Sheet with Viscous Dissipation and Thermal Radiation.
			International	Numerical Investigation of an Unsteady Mixed Convective Mass and Heat transfer MHD flow with Soret effect and Viscous Dissipation in presence of Thermal Radiation and Heat Source/sink
			International	Free Convective Heat transfer flow of a Casson fluid with Radiative and Dissipative effect due to Variable Thermal conductivity and Internal Heat generation past a stretching sheet.
			International	Non-Newtonian Momentum Transfer Past an Isothermal Stretching Sheet with Applied Suction.
			International	Effect of Magneto-hydrodynamics and couple stress on characteristics of sine curve slider bearing.
			International	Effect Of MHD and Couple Stress on Squeeze film characteristics between Porous curved Annular circular plates
			International	Flow and Heat transfer of Radiative Casson/Carreau liquid flow along non-linearly extended surface
			International	*MHD Carreau hybrid nanoliquid flow over a stagnation region of poignant needle: An enhanced heat transmission model.*
			International	Heat transfer mechanism of Williamson hybrid nanofluid flow across a nonlinearly extending surface with radiation effects

2	Dr. Jagadish Patil		International	Theoretical analysis of MHD effects on curved circular plate and rough flat plate with non- Newtonian fluid,
			International	MHD Effects on Pivoted curved slider bearings lubricated with couple stress fluids
			International	Influence of Magnetic field on a Curved Circular Plate and Flat Plate Lubricated with Non-Newtonian Fluid
			International	Theoretical analysis of MHD on characteristics of porous sine slider bearings with non-Newtonian fluid
3	Dr. Dhanaraj Neela		International	Analysis of MHD on Rayleigh step slider bearing lubrication with couple stress fluid
			International	Theortical analysis of MHD on Characteristics of porous sine curved slider bearings with non Newtonian fluid
4	Dr. Vishal Patil		International	Effect of magneto-hydrodynamics and couple stress on characteristics of sine curve slider bearings
			International	Effect Of MHD and Couple Stress on Squeeze Film Characteristics Between Porous Curved Annular Circular Plates
			International	The Effect of MHD on Rough Pivoted Curved Slider Bearing Lubricated with Non-Newtonian Fluids
5	Sunita J y		International	Flow and Heat transfer of Radiative Casson/Carreau liquid flow along non-linearly extended surface
			International	*MHD Carreau hybrid nanoliquid flow over a stagnation region of poignant needle: An enhanced heat transmission model.*
			International	Heat transfer mechanism of Williamson hybrid nanofluid flow across a nonlinearly extending surface with radiation effects