Publications Details

S. No	Name of Faculty	Title of the Research Paper	URL	Name of Publication	Date of Publication	ISSN / Volume/ Issue No. /Page No.	
1	Dr.P.K.Mall	Analysis of microstructure and micro hardness of aluminium alloy melt for grain refinement by twin roll casting	doi.org/10.1186/s40712-025-00210-0	Journal of Materials Science: Materials in Engineering	3004-8958 Volume 20, article number 21 Pp 1-15	ESCI
2	Dr.P.K.Mall	Measuring the effects of liquid bulk viscosity numerically on a spherical nitrogen bubble in aqueous H2SO4	doi: 10.1063/5.0253993	AIP Advances	2158-3226 Volume 15, Issue-4 PP-(1-12)	SCIE
3	Dr.P.K.Mall	Effect of liquid density, ultrasonic velocity, and gas flow rate on the formation of air bubbles in aqueous methanol at temperature 293.15, 303.15, and 313.15 K	doi: 10.1063/5.0251734	AIP Advances	2158-3226 Volume 15, Issue 7 PP-(1-16)	SCIE
4	Dr.P.K.Mall	Impact of surface tension, viscosity and flow rate on air bubble formation in aqueous methanol at temperatures 293.15, 303.15 and 313.15 K	doi.org/10.1007/s11182-025-03505-x	Russian Physics Journal	1064-8887 / 1573-9228 Volume 68, pages 895-902	SCIE