

FLUID MECHANICS (SKMM)

TARIKH	TAJUK
03A,08/07/2024,08.00-10.30,Random	CFD Investigation of an Enclosed Horizontal Axis Wind Turbine Prototype integrated on Passenger Vehicles
03A,08/07/2024,08.00-10.30,Random	CFD INVESTIGATION OF IN-PIPE HYDROTURBINE
03A,08/07/2024,08.00-10.30,Random	Computational Fluid Dynamics (CFD) Investigation of Variable Refrigerant Volume (VRV) System Installed with Horizontal Axis Wind Turbine
03A,08/07/2024,08.00-10.30,Random	--TOPIC CHANGE APPLICATION-- Aerodynamic Braking System in variable pitch wind turbine application
03B,08/07/2024,10.30-13.00,Random	Heat Flow Analysis Inside CPU Casing Using CFD.
03B,08/07/2024,10.30-13.00,Random	Wind driven ventilation across a double-storey terraced residential buildings
03B,08/07/2024,10.30-13.00,Random	Performance of Journal Bearing Under Influence of Surface Texturing.
03B,08/07/2024,10.30-13.00,Random	Performance of Journal Bearing Under Influence Of Solid Contaminants
03B,08/07/2024,10.30-13.00,Random	Design and Evaluation of Flow Straightener Devices for Enhancing Flow Characteristics in Water Tunnels
03C,08/07/2024,14.00-16.30,Random	--TOPIC CHANGE APPLICATION-- Experimental Study and Analysis of Flow Induced Vibration in A Piping
03C,08/07/2024,14.00-16.30,Random	Analysis of Active Water Cooling of Photovoltaic Solar using CFD
03C,08/07/2024,14.00-16.30,Random	Cooling for photovoltaic solar panel by using phase change material (PCM)
03C,08/07/2024,14.00-16.30,Random	Heat flow analysis of fuel gas preheater on gas turbine in combined-cycle power plants.
03C,08/07/2024,14.00-16.30,Random	Ventilation for industrial oven
03C,08/07/2024,14.00-16.30,Random	Numerical Study of Heat Transfer Rate of Various Erosion Resistance Welding Material on the External Surface of Boiler Tube
03D,08/07/2024,08.00-10.30,Random	AERODYNAMIC PERFORMANCE ENHANCEMENT OF UTM WIND TURBINE BY ACTIVE PITCH MECHANISM
03D,08/07/2024,08.00-10.30,Random	Mitigation of Water Hammer in a Pipe System Using Check Valve
03D,08/07/2024,08.00-10.30,Random	Mixture of Gypsum and Rice Husk Ash (RHA) to Improve Fire Resistance of Fire-Rated Door.
03D,08/07/2024,08.00-10.30,Random	Improving Lubricant Efficiency: Lauric Acid as a Bio-Based Additive in Coconut Oil Lubricants
03E,08/07/2024,10.30-13.00,Random	CFD Simulation-Based Analysis of Mechanical Ventilation Interventions for Mitigating Airborne Pathogen Transmission in Indoor Spaces
03E,08/07/2024,10.30-13.00,Random	Assessment of Mechanical Ventilation Strategies in Reducing Airborne Pathogen Concentrations: A CFD Simulation Approach
03E,08/07/2024,10.30-13.00,Random	Mechanical Ventilation Design Enhancement for Minimizing Airborne Pathogen Transmission: A CFD Simulation Study
03E,08/07/2024,10.30-13.00,Random	DESIGN AND ANALYSIS OF AN EXTENDABLE ELEVATOR LINK FOR AUTOMATED CASING INSTALLATION PROCESS IN OFFSHORE OPERATION

FLUID MECHANICS (SKMM)

TARIKH	TAJUK
03F,08/07/2024,14.00-16.30,Random	Evaluation of TMP lubricant mixed with coconut oil in different load.
03F,08/07/2024,14.00-16.30,Random	Wear evaluation of TMP lubricant mixed with coconut oil in different load.
03F,08/07/2024,14.00-16.30,Random	Tribological evaluation of TMP lubricant mixed with coconut oil in different speed condition.
03F,08/07/2024,14.00-16.30,Random	Evaluation of the streamline on aerofoil with suction hole.
03F,08/07/2024,14.00-16.30,Random	Evaluation of the streamline on aerofoil with flap.
03G,09/07/2024,08.00-10.30,Random	Water- Mineral Oil Microdroplets with Temperature Effect
03G,09/07/2024,08.00-10.30,Random	Water-Pure Mineral Oil Microdroplets with Temperature Effect
03G,09/07/2024,08.00-10.30,Random	Microplastics Assessment in Microchannel
03G,09/07/2024,08.00-10.30,Random	Water Pipeline Leakage Detection And Localization By Using Improved Arduino-Based Vibration Method
03H,09/07/2024,08.00-10.30,Random	The friction and wear behavior of TMP added with BHA in high temperature and high speed application
03H,09/07/2024,08.00-10.30,Random	The effects of surface texture to the friction and wear in linear motion
03H,09/07/2024,08.00-10.30,Random	The effect of solid fat content and fatty acid composition in bio-lubricant towards wear and friction
03H,09/07/2024,08.00-10.30,Random	Tribological Performance of Oleic Acid added with BHT at Various Operating Condition