

EMERGING TRENDS IN DESIGN, MANUFACTURING, MATERIALS AND THERMAL SCIENCES
SESSION I - MATERIALS
(24/09/20)
11.00 to 13.00



SLOT A

		Session Chairs	Session Organizer			
External	Dr. B. Mohan	Professor	Mr. C.K. Arvinda Pandian	Assistant Professor (sr. Gr)		
		Department of Mechanical Engineering		Department of Automobile Engineering		
		Anna University, Chennai		BSACIST, Chennai		
Internal	Dr. A. Arokia Julias	Assistant Professor (sr. Gr)	8248201028	arvind4me87@crescent.education		
		Department of Mechanical Engineering				
		BSACIST, Chennai				

Sl No	Author Name	Title	Topic	Email	Mobile No	Institution	SLOT - A
1	Mohamed bak K	Structural and Thermal Analysis of Composite Wind Turbine Blade for Wind Mill Applications	Composite Materials	mohamedbak@crescent.education,	9941363226	BSACIST.	11:00 to 11:15
2	Raj Mohan R	EFFECT OF TWO-STEP SINTERING CYCLE BY CHEN & WANG (TSS-CW) ON ALUMINIUM (Al) METAL MATRIX REINFORCED WITH NIOBIUM CARBIDE (NbC)	Powder Metallurgy	rajmohan@mech.sastra.edu,	9655672322	SASTRA	11:20 to 11:35
3	Prashanth M	Microstructural evolution, phase formation and mechanical behaviour of Al 7017 alloy produced by Powder Metallurgy (P/M) technique	Powder Metallurgy	prashanthmuralishankar@gmail.com	9003107474	BSACIST.	11:40 to 11:55
4	Basanta Kumar Behera	The Addition of Polytetrafluoroethylene and Graphite on Acrylonitrilebutadiene styrene and its effects on Mechanical and Tribological Characteristics	Composite Materials	bkbehera@crescent.education	9884237412	BSACIST.	12:00 to 12:15
5	KARTHIKEYAN SELVARAJ	Fabrication, testing and thermal analysis of Aluminum based metal matrix composite	Powder Metallurgy	karthikmeaero@gmail.com	9944448404	BSACIST.	12:20 to 12:35

SLOT B

		Session Chairs	Session Organizer			
External	Dr.S. Beer Mohamed	Associate professor & H.O.D	Mr. C.Dineshkumar	Assistant Professor		
		Department of Materials Science		Department of Automobile Engineering		
		Central University, Tiruvarur		BSACIST, Chennai		
Internal	Dr. T. R. Tamilarasan	Associate Professor	9710904060	dineshauto@crescent.education		
		Department of Automobile Engineering				
		BSACIST, Chennai				

Sl No	Author Name	Title	Topic	Email	Mobile No	Institution	SLOT - B
6	Sivasankara Raju	Fabrication and Evaluation of Optimized Parametric Condition during EDM Machining of Al-CSA Composite Using Taguchi Orthogonal Array	Composite Materials	sivaraju80@gmail.com	8093469774	AITM	11:00 to 11:15
7	S Stephen Bernard	Frictional Performance on Various Speed and Pressure for Cardanol as a Binder in High Friction Composite Material using Pin on Disc	Composite Materials	stephenbernard.s@ritchennai.edu.in	9444643685	RIT	11:20 to 11:35
8	Karthikeyan Marappan	Design of automotive firewall based on thermal analysis	Composite Materials	karthikeyan@mech.sastra.edu,	8940278960	SASTRA	11:40 to 11:55
9	JAMESHA IBRAHIM K	DRILLING PERFORMANCE OF KENAF FIBRE REINFORCED POLYMER COMPOSITES	Composite Materials	jameshaibrahim@crescent.education	7373434473	BSACIST	12:00 to 12:15
10	Sirajudeen N	Effect of heat treatment, varying weight% & particle size of Al ₂ O ₃ on the hardness and wear resistance of Al 6082 alloy composites by stir casting	Composite Materials	sirajudeen@crescent.education	9840342988	BSACIST	12:20 to 12:35

NOTE

Video Conferencing link for events highlighted in "Blue" coloured cells
https://us02web.zoom.us/webinar/register/WN_XzNOSLI_Tna5EMLzAJSbkg

Video Conferencing link for events highlighted in "Green" coloured cells
<https://us02web.zoom.us/j/kgczxHjR1>