

**DEPARTMENT OF MECHANICAL ENGINEERING & MATERIALS INTEREST GROUP**

**REPORT OF EVENT ORGANISED**

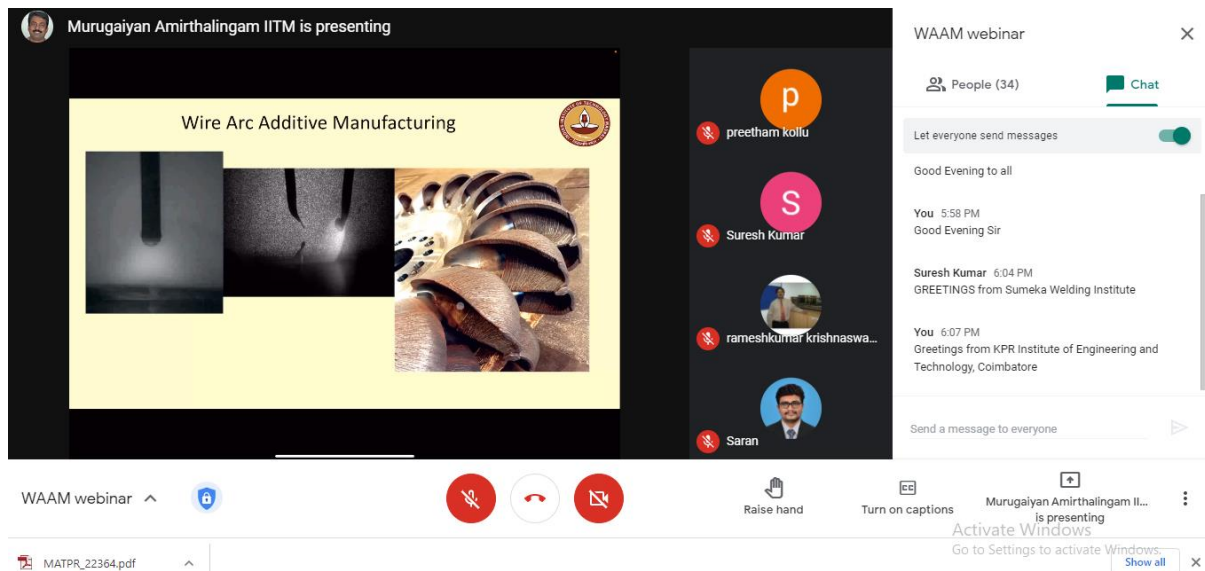
<b>Event:</b> Research Webinar		<b>Date:</b> 09.02.2021 (3.00 to 4.00pm)	
<b>Title:</b> Current Trends in Wire Arc Additive Manufacturing			
<b>Collaborating Agency:</b> (if any) IIT Madras			
<b>Funding:</b> (if any) -Nil-			
<b>Venue:</b> Google Meet meet.google.com/oaj-xqdm-qae			
<b>Objective of the event:</b> To learn the basics of Wire Arc Additive Manufacturing and its advantages over conventional machining process			
<b>Details of the speakers</b>			
<b>Name &amp; Address</b>		<b>Topic</b>	
Dr. Murugaiyan Amirthalingam Assistant Professor Head - Joining and Additive Manufacturing Laboratory, Dept. Metallurgical and Materials Engineering, Indian Institute of Technology (IIT) - Madras, Chennai - 600 036, TN, INDIA		Wire Arc Additive Manufacturing	
<b>Budget (Rs.)</b>	Estimated/ Sanctioned	Actual Expense	
	Nil	Nil	
<b>No. of Participant's details</b>	Internal	External	
	22	29	
<b>Description about the event:</b>			
<p>A webinar on “Current Trends in Wire Arc Additive Manufacturing” was jointly organized by the Indian Welding Society” and 3D Printing Interest Group on 09.02.2021, between 03:00 and 4:00pm. through Online using Google Meet platform. Dr. Murugaiyan Amirthalingam, Assistant Professor, Indian Institute of Technology (IIT) - Madras, Chennai had consented to be the guest speaker and handled the session. Around 49 aspirants across India had attended the session. The speaker explained the current trends in Wire Arc Additive Manufacturing by case studies. Further, he interacted with the participants and clarified the doubts raised. The session was vibrant, interactive and very much helpful to the participants.</p>			

**Outcome of the event with relevant PO& PSO mapping (Specify the mapping levels):**

1. Wire Arc Additive Manufacturing – Current trends

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO 10	PO11	PO12	PSO1	PSO2
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**Photographs of the event :**



Dr. Murugaiyan Amirthalingam handling the session

**Enclosure:** (√ thedocuments submitted)

Report	Proposal with Budget	Invitation	Brochure	Schedule	Registration list	Expenditure details	Sample Certificate	Sample Feedback	Consolidated Feedback	Any other relevant documents
√	NA	√	√	NA	√	NA	NA	√	NA	NA
<b>Organizer</b>			<b>Coordinator</b>				<b>HoD</b>			


**KPR Institute of Engineering and Technology**  
 Learn Beyond (Autonomous, NAAC "A")  
 Avinashi Road, Arasur, Coimbatore.



## Current Trends in Wire Arc Additive Manufacturing

A webinar  
 Organized by  
 KPRIET - Indian Welding Society (IWS) Student Forum  
 3D Printing Interest Group - KPRIET

**February 9, 2021**  
 3:00 pm to 4:00 pm



**Resource Person:**  
**Dr. Murugaiyan Amirthalingam**  
 Assistant Professor  
 Head - Joining and Additive Manufacturing Laboratory,  
 Dept. Metallurgical and Materials Engineering,  
 Indian Institute of Technology (IIT) - Madras.

**Coordinator:**  
**Dr. B. Arulmurugan,**  
 AP (Sl.Gr), Dept. of Mech  
 Team Member - 3D Printing Interest Group  
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**INSTITUTION'S INNOVATION COUNCIL**  
(Ministry of PETA initiative)  
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 3D Printing Interest Group



**Department of Mechanical Engineering**