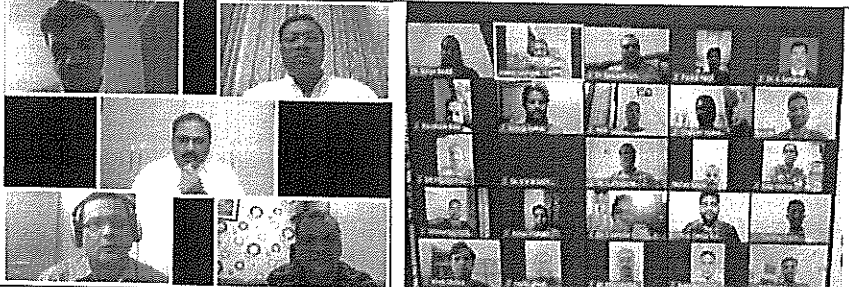




GRIET/6C/G/18-19

EVENT SUMMARY REPORT

Griet/Other institutes/Organization Address:	Gokaraju Rangaraju Institute of Engineering and Technology, Bachupally, Hyderabad in association with NITTTR Chandigarh				
Department	Mechanical Engineering	Professional Body		Institutional Body	
Nature of the Event (Workshop / Seminar / Guest Lecture / Tech Talk/FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extracurricular Activities)	Short Term Course				
Title / Theme of the Event	Materials Processing and Optimization				
Details of the Coordinator & Designation	Dr.Tanya Buddi, Associate Professor, Department of Mechanical Engineering, Hyderabad.				
Event Dates/Days	From	To	No. of Days		
	06/07/2020	10/07/2020	05		
Details of the Speaker / Guest Organization Address:	Details of the speaker has been attached separately				
Participants (Teaching Faculty / Non-Teaching Faculty / Students)	No.of Faculty	No. of UG students	No.of PG Students	No.of outside participants	Total Participants
	20	Nil	Nil	510	530
Faculty Names & Designation	List of the participants has been attached separately				

<p>Summary of the Event</p>	<p>An online Faculty Development Programme on Materials Processing and Optimization has been conducted in association with GRIET and NITTTR Chandigarh from 06th to 10th July, 2020, by using zoom application. This programme has been conducted for five (5) days in which a total of 15 sessions has been conducted. One poll question has been given to the participants at the end every session and the feedback also has been collected for every session.</p>
<p>IRG (in rupees)</p> <p>Deposited A/C no A/C name and date and other details</p> <p>(enclose proof-A/C statement)</p>	<p>Nil</p>
<p>Expenditure (in rupees)</p> <p>(Enclose proof-bills)</p>	<p>Nil</p>
<p>POs attained with this Event</p> <p>(number and description)</p>	<p>Seven (7) POs has been attained with this event</p> <ol style="list-style-type: none"> 1. Ability to analyze problem and interpret the data. 2. Ability to design a system component, or process to meet desired needs in Mechanical Engineering within realistic constraints. 3. Ability to identify, formulate, analyze and interpret data to solve Mechanical Engineering problems. 4. Ability to understand the impact of engineering solutions in a global, economic and societal context. 5. Ability to understand the effect of Mechanical Engineering solutions on environment and to demonstrate the need for sustainable development. 6. Ability to understand professional and ethical responsibility. 7. Ability to demonstrate the management principles in Mechanical Engineering projects.
<p>Photographs of the event</p> <p>(Hard copy and Soft copy)</p>	

Proofs:

- 1. Certificates copies
- 2. Profile of Speaker
- 3. PPT/Material as applicable. etc.,

All the documents are attached separately.



Signature of Coordinator



Signature of HOD



Materials Processing and Optimization

6-10 July, 2020



Day & Date	Session I (10:00 am-12:00 pm)	Session II (1:00 pm-3:00 pm)
Monday 06-07-2020	<p>Applications of 3D and 4D printing: An overview</p> <p>Dr. Rupinder Singh NITTTR Chandigarh Email: rupindersingh@nitttrchd.ac.in</p>	<p>MATLAB for optimization</p> <p>Dr. S.S.Dhami NITTTR Chandigarh Email: ssdhami@nitttrchd.ac.in</p>
Tuesday 07-07-2020	<p>Additive manufacturing processes and optimum part deposition orientation</p> <p>Dr. P.M.Pandey IIT Delhi Email: pmpandey@mcch.iitd.ac.in</p>	<p>Optimization and characterization of non-conventional machining process</p> <p>Dr. Sanjeev Kumar PEC Chandigarh Email: skthakkarpec@yahoo.com</p>
Wednesday 08-07-2020	<p>Sheet and Tube metal Characterization and Numerical Modeling in Forming Process</p> <p>Dr.Chetan P Nikhare The Pennsylvania State University, USA Email: tanyab@griet.ac.in</p>	<p>Optimizing the performance of HVAC system by using indirect – Evaporative cooling system</p> <p>Dr. IPS Ahuja Punjabi University, Patiala Email: ahujaiaps@gmail.com</p>
Thursday 09-07-2020	<p>Solid state welding processes</p> <p>Dr. G.S.Brar NIT, UK Email: brar.gurinder@gmail.com</p>	<p>Characterization of Bio-composites Dr. Swadesh Kumar Singh, GRIET, Hyderabad. Email: swadeshsingh@griet.ac.in 1:00pm-1:45pm Advanced Material Test Systems and Testing Services Mr.K.Rajendra Prasad, MIC, Hyderabad Email: rajendraprasad@measure-india.com 1:45pm-2:30pm Dr. TanyaBuddi, GRIET, Hyderabad. Email: tanyab@griet.ac.in 2:30pm-3:00pm</p>
Friday 10-07-2020	<p>Breaking Proportionality between Welding Wire Feed rate and Welding current in Submerged Arc Welding: Introducing Advanced Submerged Arc Welding Process and Parametric Optimization</p> <p>Dr. Sunil Pandey JNU, Delhi</p>	<p>Formability of Sheet Metals in Roll Forming</p> <p>Mr. AdityaDeol, Research Scholar, Deakin University, Victoria, Australia Email: adityad@deakin.edu.au</p>

	Email: profsunilpandey@gmail.com	
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