
	<h2>Faculty Development Program</h2>		
<p>Title : Role of Engineering Simulations in transforming Gas Turbine Aerospace and Power Industry</p> <p>Date : 2025-05-12 - 2025-05-12</p> <p>Time : 14:15 - 15:45</p> <p>Venue : TT 707</p>		<p><u>Event Outcome</u></p> <p>- Participants will gain in-depth knowledge of gas turbine combustors of the next generation used in aerospace and power generation industries</p>	
	<p>Resource Person 1 - Details</p> <p>Name : Manikandan Velliangiri</p> <p>Designation : Senior Engineering Manager, Gas Turbine Engineering Division</p> <p>University/ Company : Infosys , Mysore</p> <p>Address : India, 570027.</p>		
<p>Resource Person's Profile :</p>			
<p><u>1. Profile of Manikandan Velliangiri</u></p> <p>With nearly two decades of experience in the engineering domain, the professional has held progressive leadership roles across major global organizations. Since 2020, they have been serving as a Senior Engineering Manager at Infosys, leading projects for Rolls-Royce in Mysore, India. Prior to this, from 2012 to 2020, they worked in a similar capacity at Infosys, overseeing combustor and turbine projects for Alstom and Ansaldo. Between 2008 and 2012, they held the position of Engineering Manager</p>			
<p>The session will provide an in-depth knowledge on the design and development of next generation gas turbine combustors for aerospace and power generation applications. The importance of designing the fuel nozzle for the gas turbine combustor and its effect on mixing characteristics of fuel and air will be described in brief. Combustor cold flow calculations using thermal modelling will be presented to the participants</p>			
<p>Not applicable</p>			
<p>Coordinator: Teaching Learning Centre of Excellance, VIT, Vellore</p>			