

Panel members from Affiliated to Anna University		
S.No	Name with full address	Area of specialization
3.	Name : <b>Dr.P.Emmanuel Nicholas,</b> Designation : Professor Department : Mechanical Engineering Address : PSNA College of Engineering and Technology Dindigul - 624622 Mobile : 919500682979 Email : <a href="mailto:p.emmanuelnicholas@gmail.com">p.emmanuelnicholas@gmail.com</a>	Composite Materials Finite Element Analysis Artificial Neural Network Optimization Techniques

List of publications for last 5 years	
1.	Ram GP, Karthikeyan S, Nicholas PE, Sofia AS. Dry sliding wear behavior of electroless NIP and NIP-Al <sub>2</sub> O <sub>3</sub> composite coatings. Materials Today: Proceedings. 2020 Aug 29.
2.	Sofia AS, Nicholas PE, Ganeshkumar P. MCAMC: minimizing the cost and makespan of cloud service using non-dominated sorting genetic algorithm-II. Sādhanā. 2019 Oct 1;44(10):215.
3.	Emmanuel Nicholas P, Dharmaraja C, Sathya Sofia A, Vasudevan D. Optimization of laminated composite plates subjected to nonuniform thermal loads. Polymers and Polymer Composites. 2019 Jul;27(6):314-22.
4.	Eswaran MM, Bruno MA, Nicholas PE. Aerodynamic Design and Analysis of Horizontal Axis Wind Turbine (HAWT) Blades Using CFD. International Journal of Engineering Research & Technology (IJERT). 2017;5(7).
5.	Nicholas PE, Babu MC, Sofia AS. Multiobjective optimization of laminated composite plate with elliptical cut-out using ANN based NSGA-II. Journal of Mechanics of Materials and Structures. 2016 Feb 23;11(2):157-72.