


### Faculty Profile

Name	:	Dr. G. BALAJI								
Date of Birth	:	08.08.1991								
Highest Qualification	:	Ph.D.								
Date of Joining	:	18.05.2022								
Designation	:	Assistant Professor								
Date of promotion (Present Designation)	:	-								
Area of Interest	:	Renewable Energy, Windmill, CFD, Composite Material								
Mobile No	:	+91 6374226078		Email ID	:	balaji.g@trp.srmtrichy.edu.in				
Experience	:	Teaching	:	2.5	Industry	:		Research	:	4.5
Address (for Communication)	:	498, South Street, Siruvathur, Kallakurichi - 606201								

### Association with Professional Bodies

Name (Professional Body)	International Association of Engineers (IAENG)	Society of Automotive Engineers		
Type of Membership	Life Member	Faculty advisor		
Membership No.	305009	7230410006		

### Research

Ph. D Guidance					
Supervisor / Guide ship No. :	<b>NA</b>	University :	<b>NA</b>	No. of Scholars :	<b>NA</b>
Publication*					
International Journals :	<b>2</b>	National Journals :	<b>2</b>		
International Conference :	<b>2</b>	National Conference :	<b>3</b>		
Project Grants (Research projects guided or undertaken/ Sponsored Projects)					
Received (Amount) :		Applied (Amount) :			
Patent					
Published :	<b>1</b>	Granted :			

### Books

Published:	
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### FDPs / STTPs / Workshops / Seminars etc.,

FDP		STTP		Workshop		Seminar		Others	
Attended :	<b>6</b>	Attended :	<b>1</b>	Attended :	<b>10</b>	Attended :	<b>3</b>	Attended :	<b>-</b>
Organized :	<b>1</b>	Organized :	<b>-</b>	Organized :	<b>4</b>	Organized :	<b>-</b>	Organized :	<b>-</b>

**\*List of Publications :**

1. M.Nataraj, **G.Balaji** “**Study on Performance of Wind Mill by Adding Winglet in Turbine Blade: Virtual Analysis**” Journal of Scientific and Industrial Research (JSIR), NISCAIR, Vol. 78, 2019, pp. 96-101.
2. M.Nataraj, **G.Balaji** “**Comprehensive Analysis of Different Winglet Models to Enhance the Windmill Performance**” Journal of the Balkan Tribological Association, book 3, vol. 25, 2019.
3. M.Kumar, **G.Balaji**, A.M.Murugan, “**Experimental Investigations on Friction and Wear Behavior and Parameters Optimization of Al7075-T6 Alloy and Al7075/Alumina/Graphite/Redmud Hybrid Metal Matrix Composite Using Grey Relational Analysis**”, International Journal of Mechanical and Production Engineering Research and Development, Vol. 8(7), 2018, pp. 1104-1118.
4. M.Kumar, **G.Balaji**, K.S.Hanumanth Ramji, A.Megalingam Murugan, “**Experimental Investigation on Tribological Behavior and Grey Relational Optimization of an Eco-friendly Automobile Brake Rotor Materials**”, Asian Journal of Research in Social Sciences and Humanities Vol. 6, No. 8, 2016, pp. 2390-2401.