


FACULTY PROFILE

Name	:	Dr. J. KESAVAN	
Designation	:	Assistant Professor (SG)	
Department	:	Mechanical engineering	
Educational Qualification	:	M.Tech., PhD	
Experience	:	12 years in Teaching and 2 Years in Industry.	
Subject of Interest	:	Manufacturing, CAD/CAM, Industrial Automation	
Publications	:	<ul style="list-style-type: none"> ○ Optimization of surface roughness parameters for EN8 steel by tungsten carbide tool in turning operation in IJERT, volume 4, issue 6 June 2015. ○ Performance evaluation and simulation of pressurized gasification ICMIE 14/10/12 ○ Design And Fabrication Of Ergonomic Hedge Trimming Machine With Angle Adjustment ○ An Electro-Pneumatic Projectile Launching Training System International Patent. International Publication Number 2019/016671 A1 ○ A review on friction stir welding of titanium alloys, Indian Journal of Scientific Research, ISSN: 2250-0138,14 (1), 244-247May 2017 ○ Experimental and numerical investigations on machining of Hastelloy C276 under cryogenic condition. Materials Today: Proceedings 27, 2441-2444 ○ Experimental investigations on cryo-machining of Hastelloy C-276 with tool wear characteristics. Sādhanā 45 (1), 1-14 ○ Effects of sintering temperature on grain growth of 	

		<p>NiTiCu shape memory alloy. Materials Today: Proceedings 39, 1570-1574</p> <ul style="list-style-type: none"> ○ Effects of sintering temperature on dihedral angle of NiTiCu SMA fabricated using spark plasma sintering. Materials Today: Proceedings 43, 520-523 ○ Optimization of WEDM parameters on surface integrity characteristics of NiTi shape memory alloy. Materials Today: Proceedings 43, 183-190
Awards and Achievements	:	
GoogleScholar Link	:	https://scholar.google.com/citations?user=tOVsrRYAAAAJ&hl=en
Conferences/FDP/Seminars/Workshops attended	:	<ul style="list-style-type: none"> ○ Basic concepts of effective research planning, scientific writing and successful communication (19/07/19 – 20/07/19) ○ Faculty development programme on Additive Manufacturing. (11/07/19 – 17/07/19) ○ Recent advances in Solar Energy Technologies for Sustainable Development (29/04/19 - 11/05/19) ○ International Conference on Trends in Emerging Energy Technologies (12/03/19 – 13/03/19) ○ Workshop on Statistical Tools in Research Methodology (7/01/19-12/01/19) ○ Workshop on Processing of Smart Materials (11/07/16- 16/07/16) ○ Workshop on design and manufacturing (16/05/16- 23/05/16) ○ Training programme on ACE CNC Lathe Programming (26/10/2013-27/10/2013)

	<ul style="list-style-type: none"> ○ National seminar on An Insight into Supercritical Technology Concept of Commissioning (06/09/2013-07/09/2013) ○ Workshop on Curriculum Development in Production Engineering (22/03/13) ○ International Conference on Mechanical and Industrial Engineering (14/10/2012) ○ Workshop on Engineering Thermodynamics (11/12/12-21/12/12) ○ Train the trainer Program on Industrial Automation Technology (Rexroth Bosch Group- India) (01/06/2012-30/06/12) ○ Train the trainer Program on Industrial Automation Technology level I (Rexroth Bosch Group- Germany) (25/11/13-29/11/13) ○ National service scheme training programme at Chennai (19/09/11-24/09/11) ○ Experimental Inquisition Of Gravity Assisted Concentric Tube Heat Pipe Heat Exchanger And Performance Analysis For Heat Transport Fluids. 15th international conference on heat transfer, fluid mechanics and thermodynamics
ContactAddress	: S/o. G. Jothi, 1.A, Trichy Main Road, Vallam, Thanjavur - 613403.