




P.E.S. College of Engineering, Mandya - 571401

(An Autonomous Institution, affiliated to VTU, Belagavi)

Faculty Profile

General

Name	Dr. S VANIL KUMAR	
Designation,	<i>Assistant Professor</i>	
Department & Affiliated Institution	<i>Department of Mechanical Engineering, P.E.S College of Engineering, Mandya – 571 401</i>	
Research Area	<i>Joining Composite Materials</i>	
Contact Number	<i>+91 9448799499</i>	
Email ID	svanil999@gmail.com	

Academic Profile

Educational Qualifications

Degree	College	University	Year of Passing	% ge	Class
Ph. D	<i>PSG College of Technology, Coimbatore, TN</i>	<i>Anna university, Chennai</i>	<i>2018</i>	<i>-</i>	<i>-</i>
M. Tech.,	<i>University BDT College of Engg. Davangere</i>	<i>Kuvempu University,</i>	<i>2003</i>	<i>69.23</i>	<i>I - Class</i>
B. E.,	<i>PES College of Engineering Mandya.</i>	<i>University of Mysore, Mysuru</i>	<i>1998</i>	<i>67.78</i>	<i>I - Class</i>

Professional Experience

Organization and Department	Designation	Period	Total Experience
<i>P.E.S. College of Engineering, Mandya</i>	<i>Assistant Professor</i>	<i>2010- Till Date</i>	<i>10 Years</i>
	<i>Lecturer</i>	<i>2008-2010</i>	<i>2 Years</i>
<i>BEML KGF</i>	<i>Engineer</i>	<i>2007-2008</i>	<i>1 Year</i>
<i>DSCE, Bangalore</i>	<i>Lecturer</i>	<i>2006-2007</i>	<i>1 Year</i>
<i>IMPACT College of Engg, Bangalore</i>	<i>Lecturer</i>	<i>2003-2006</i>	<i>4 Years</i>

Reports on Academic and Research Activities

Academic Activities

Teaching Records (Details of courses taught)	<u>Undergraduate:</u> Manufacturing Process, Materials Science and Manufacturing, CAD/CAM, CIM, FEM, Operation Research, Engineering Drawing, Industrial Automation, Production Management,
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Research Guidance (Candidates Awarded / Pursuing Ph.D / M.Sc., Engg./ M.Phil)

Degree	Ph. D.	M.Sc., Engg.	M.Phil
Awarded	<i>Nil</i>	<i>Nil</i>	<i>Nil</i>
Pursuing	<i>Nil</i>	<i>Nil</i>	<i>Nil</i>

Sponsored Research Projects (List of Projects taken up /completed and funds receiver & funding sources)

Project Title	Project Funded by	Grants Sanctioned	Grants Received
<i>Sponsored Research</i>	<i>--</i>	<i>--</i>	<i>--</i>

Research Publications in Refereed Journals and Conferences/Symposia

Number of Publications in	National	International
Journals	<i>01</i>	<i>09</i>
Conferences/Symposia	<i>1</i>	<i>8</i>

Other Important Responsibilities Held in the College

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|--------------------------------|-------------------------|
| 1. MEA Secretary | 3. BoS and BoE Member |
| 2. IQAC Department coordinator | 4. Research coordinator |

LIST OF PUBLICATIONS

International Journals

1. **S V Anil kumar** and R Gandhinathan “Review of Titanium alloys and Steel Brazing methods”, International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.93 (2015) © Research India Publications; <http://www.ripublication.com/ijaer>.
2. **S V Anil kumar** and R Gandhinathan, “Evaluation of Microstructure and Mechanical Property of Ti–6Al–4V Brazed Joint with Low Temperature Filler Metal”, Proceedings of the International Conference on Recent Innovations in Production Engineering(RIPE-2017), mit, Anna University, Chennai-600044, India. ISBN:978-93-86256-65-2.
3. **S V Anil kumar** and R Gandhinathan, “Vacuum Brazed Joints of Ti–6Al–4V to Steel with BAg22 Filler Metal”, Journal of Computational and Theoretical Nanoscience, Vol. 14, 5585–5589, (2017). DOI:10.1166/jctn.2017.6987.
4. **S V Anil kumar** and R Gandhinathan, “ Design and static heat transfer analysis on engine cylinder fins”, International Journal of Latest Trends in Engineering and Technology, Vol.(11)Issue(2), pp.001-009, (2018). DOI: <http://dx.doi.org/10.21172/1.112.01.e-ISSN:2278-621X>.
5. **S V Anil kumar** and R Gandhinathan, “Studies on Mechanical Properties of Banana Fibre Reinforced Polyester Composite”, Advances in Polymer Composites:Mechanics, Characterization and Applications AIP Conf. Proc. 2057, 020018-1–020018-8(2019); DOI: <https://doi.org/10.1063/1.5085589>.
6. **S V Anil kumar** and R Gandhinathan, “Process Parameters for Metal Inert Gas Welding of Mild Steel by Using Taguchi Technique – A Review”, International Journal of Material Sciences and Technology. ISSN 2249-3077 Volume 10, Number 1 (2020), pp. 1-14 © Research India Publications <http://www.ripublication.com>
7. **S V Anil kumar** and R Gandhinathan, “Study on Microstructure and Mechanical Property of Ti-6Al-4V Brazed Joint with Low Temperature Filler metal”, Indian Journal of Engineering and Materials Sciences CSIR-NISCAIR: August 2020.
8. **S V Anil kumar** and R Gandhinathan, “Optimization of Process Parameters for Titanium alloy to itself and Stainless Steel Brazed Joints using BAg22 Filler Metal”, Materials Today: Proceedings : In press-(1st April 2020) ; DOI:<https://doi.org/10.1016/J.matpr.2020.03.235>
9. **S V Anil kumar** and R Gandhinathan, “Vacuum Brazed Joints of Titanium alloy with Low Temperature Filler metal” Advances in Mechanical Design, Materials and Manufacture : AIP Conf. Proc-2020 (Accepted for publication)

International Conferences

10. **S V Anil kumar** and R Gandhinathan, ““Vacuum Brazed Joints of Titanium alloy with Low Temperature Filler metal” International Conference on Design, Materials and Manufacture (ICDEM-2019) 6-8 December 2019 organised by the Department of Mechanical Engineering, NIT Karnataka, Surathkal.
11. **S V Anil kumar** and R Gandhinathan, “Optimization of Process Parameters for Titanium alloy to Itself and Stainless Steel Brazed Joints using BAg22 Filler Metal”, second International Mechanical Engineering Congress (IMEC-2019), 29 November-01 December 2019 organised by the Department of Mechanical Engineering, NIT, Tiruchirappalli, Tamil Nadu.

12. **S V Anil kumar** and R Gandhinathan, “Studies on Mechanical Properties of Banana Fibre Reinforced Polyester Composite” International Conference on polymer composite (ICPC-2018) 15-18 December 2018 organised by the Department of Mechanical Engineering, NIT Karnataka, Surathkal.
13. **S V Anil kumar** and R Gandhinathan, “Optimization of process parameters of Ti-6Al-4V to itself and stainless steel brazed joints using low temperature filler metal by Taguchi method”, International Conference on contemporary Design and Analysis of Manufacturing and Industrial Engineering Systems (CDAMIES0-2018), 18-20 January 2018 organised by the Department of Production Engineering, NIT, Tiruchirappalli, Tamil Nadu.
14. **S V Anil kumar** and R Gandhinathan, “Evaluation of Microstructure and mechanical property of Ti-6Al-4V Brazed joint with low temperature filler metal” International Conference on Recent Innovations in Production Engineering (RIPE-2017) 24-25 March 2017 organised by the Department of Production Engineering, MIT Campus, Anna University, Chennai.
15. **S V Anil kumar** and R Gandhinathan, “Optimization of Process Parameters for Titanium alloy to SS with low Temperature Filler Metal” 4th International Conference on Advances in Materials & Materials Processing (icAMMP-IV) 5-7 November, 2016, organised by the Department of Metallurgical and Materials Processing, IIT Kharagpur.
16. **S V Anil kumar** and R Gandhinathan, “Review of Titanium alloys and Steel Brazing methods” International Conference on Sustainable Materials Design and Applications (ICSMDA-2016) 18-19th March, 2016, organised by the Department of Mechanical Engineering Department, KONGU College of Engineering, Erode, Tamil Nadu.
17. E Naveen, **S V Anil kumar** and R Vinoth kumar, “Influence of Porosity & Alloy Addition on the wear behaviour of Sinter- Extruded Low Alloy Steel” 69th Annual Technical Meeting New Horizons in Materials Processing and Applications (NMD ATM 2015) of the Institute held at IIM, Coimbatore during 13-16 November 2015.

National Conferences

18. **S V Anil kumar**, “Make in INDIA: Opportunities Through Innovation” Innovative India 2015 Conference organised by NRDC in association with PSG College of Technology on 25-26 February 2015

Format

Author, A. A., & Author, B. B. (Year). Title of the article. *Title of Periodical*, Volume (issue), Page range. DOI

Example

Arjun U, Vinay S. (2015). Data Security Issues in Cloud Computing. *Journal of Network Security Computer Networks*, Volume 1 Issue 3, pp. 1-8.

Vinay, S., Shaikh, N. N., & Aithal, S. (2010). Design of a Smart Stick Prototype Using Goal Oriented Requirements Engineering Methodology. *International Journal of Computer Applications*, 975, 8887.