


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

(An Autonomous Institution, affiliated to VTU, Belagavi)

Faculty Profile

General

Name	<i>Dr. Srinivasa M R</i>	
Designation,	<i>Associate Professor</i>	
Department & Affiliated Institution	<i>Department of Mechanical Engineering, P.E.S College of Engineering, Mandya – 571 401</i>	
Research Area	<i>Materials Engineering</i>	
Contact Number	<i>+91 9980329132</i>	
Email ID	<i>srinivasamr77@gmail.com / srinivasamr@pesce.ac.in</i>	

Academic Profile

Educational Qualifications

Degree	College	University	Year of Passing	Percentage	Class
Ph. D	<i>VTU, Belagavi</i>	<i>VTU, Belagavi</i>	<i>2022</i>	<i>-</i>	<i>-</i>
M.Tech	<i>B.M.S.College of Engineering, Bangalore-19</i>	<i>VTU, Belagavi</i>	<i>2015</i>	<i>78.66</i>	<i>First class with Distinction</i>
B.E	<i>P.E.S.College of Engineering, Mandya</i>	<i>University of Mysore, Mysuru</i>	<i>1998</i>	<i>69</i>	<i>First Class</i>

Professional Experience

Organization and Department	Designation	Period	Total Experience
<i>M E S Polytechnic, Madhugiri</i>	<i>Lecturer</i>	<i>2000-2002</i>	<i>02 YEARS</i>
<i>G R Engineering Works, Bangalore</i>	<i>Quality Control Engineer</i>	<i>2002-2003</i>	<i>01 YEAR</i>
<i>DISA India Ltd. Bangalore</i>	<i>Senior Engineer-Supply Chain</i>	<i>2003-2007</i>	<i>05 YEARS</i>
<i>P.E.S. College of Engineering, Mandya</i>	<i>Assistant Professor</i>	<i>2007- 2022</i>	<i>15 YEARS</i>
<i>P.E.S. College of Engineering, Mandya</i>	<i>Associate Professor</i>	<i>2022-till date</i>	

Reports on Academic and Research Activities

Academic Activities

Teaching Records (Details of courses taught)	<u>Undergraduate:</u> Design of Machine Elements-I, Design of Machine Elements-II. Mechatronics and Microprocessor, Mechanics of Materials, Management and Entrepreneurship, Elements of Mechanical Engg, CAED, CAMD. <u>Post Graduate (M. Tech):</u> Experimental Mechanics, Theory of Plates and Shells, Fracture Mechanics, Theory of Elasticity, Advance Machine Design.
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Research Guidance (Candidates Awarded / Pursuing Ph.D / M.Sc., Engg./ M.Phil)

Degree	Ph. D.	M Tech
Awarded	<i>Nil</i>	<i>07</i>
Pursuing	<i>Nil</i>	<i>01</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>Nil</i>	<i>Nil</i>	<i>Nil</i>	<i>Nil</i>

Research Publications in Refereed Journals and Conferences/Symposia

Number of Publications in	National	International
Journals	<i>01</i>	<i>12</i>
Conferences/Symposia	<i>01</i>	<i>13</i>
E-book Chapters	<i>--</i>	<i>02</i>

Other Important Responsibilities Held in the College

<ol style="list-style-type: none"> 1. <i>Dean-Industry Institute Interaction Cell (III Cell)</i> 2. <i>Chairman-BOE(PG), Member BOE-UG</i> 3. <i>Coordinator-AICTE Social activity</i> 	<ol style="list-style-type: none"> 4. <i>Department coordinator for NBA, Conference, FDP Programs</i> 5. <i>Member, BOS-PG (Machine design)</i> 6. <i>Secretary- Mechanical Engineering Association</i>
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Publications:

a) International Journals:

1. Srinivasa M R, Rammohan, Sadashiva M, “Analysis of the effect of shock waves on fretting behavior of Graphene Hydroxyl Reinforced Al6061 composites” *Advances in Engineering Design*, pp 521-529, Springer Professional, Singapore. doi.org/10.1007/978-981-33-4018-3_49, 2021.
2. Srinivasa M R, Sadashiva M, Praveen Kumar S, M K Yathish, Satish V T, Sharanraj V “Experimental investigation of bending characteristics of hybrid composites fabricated by hand layup method”, November 2021, *Journal of Physics Conference Series* 2089(1):012033, DOI: 10.1088/1742-6596/2089/1/012033
3. Srinivasa M.R., M. Sadashivaa, N.M. Siddeshkumara, J. Monicaa, N. Santhosh and S. Praveenkumar “Hardness and Impact Strength Characteristics of Al based Hybrid Composite FSW Joints” , *International Journal of Vehicle Structures & Systems* Available 14(1), 13-17 , ISSN: 0975-3060 (Print), 0975-3540 (Online) DOI: 10.4273/ijvss.14.1.04
4. Srinivasa M. R, Y. S. Rammohan, and M. Sadashiva ” Analysis of mechanical properties of graphene reinforced aluminum composites treated with shock waves” *AIP Conference Proceedings* 2274, 030040 (2020)
5. Srinivasa M R, Y S Rammohan, Karthik U N, Sadashiva M, “Analysis on wear properties of Graphene Hydroxyl Reinforced Aluminum Composites” *International Journal of Advanced Science and Technology* Vol. 29, No. 6s, (2020), pp. 4162 –4168, ISSN: 2005-4238, July 2020.
6. Deekshith Samrat S A , Srinivasa M.R., Dr. Y.S Rammohan , Sadashiva M “Experimental Analysis of Fatigue Behaviour of Aluminium 2024 Reinforced with Graphite” , *International journal of Advances in Engineering and Management (IJAEM)*, Volume 2, Issue 5, pp: 145-151, June 2020.
7. Srinivasa M. R, Goutham B K, Y S Rammohan, Sadashiva M “Analysis of Shock Waves Treated Aluminium 2024 Reinforced With Graphite”, *International Research Journal of Engineering and Technology*, Volume: 07 Issue: 08, ISSN: 2395-0072, Aug 2020
8. Srinivasa M.R, Y.S. Rammohan, Sadashiva M, Santhosh N. “Effect of Shock Waves on the Hardness of Graphene Reinforced Aluminium Composites”, *Journal of Polymer & Composites*, ISSN: 2321-2810 (Online), ISSN: 2321-8525 (Print) Volume 8, Issue 1, 32-38, July 2020.
9. Srinivasa.M.R, Y S Rammohan, Zahid Irfan “Fretting Analysis of Aluminium 6061 Reinforced With Graphene” *International Journal of Engineering & Technology*, 7 (3.12) 568-

571 International Journal of Engineering & Technology. 2018.

10. Srinivasa. M R, Dr Y S Rammohan “Analysis of Dynamic Properties of Aluminum 6061 Reinforced With Varying Percentage of Graphene”, International Journal of Engineering Research in Mechanical and Civil Engineering (IJERMCE), Vol 2, Issue 4, ISSN (Online) 2456-1290, April 2017.
11. Srinivasa M.R, Y.S. Rammohan, Sadashiva M “ Analysis on effect of shock waves on fretting behavior of Graphene Hydroxyl reinforced Aluminium 6061 composites” Springer Nature, Book Chapter, Advances in Engineering design, 978-981-33-4017-6, 493163_1_EN (49).

b) International Conferences:

1. Srinivasa M R, Rammohan, Sadashiva M, “ Analysis of the effect of shock waves on fretting behavior of Graphene Hydroxyl Reinforced Al6061 composites” International conference on Innovative Engineering Design (ICoIED 2020) at The Institute Of Engineers, Dehradun on 18th -20th January, 2020.
2. Srinivasa M R , Y S Rammohan , Karthik U N , Sadashiva M, “Analysis on wear properties of graphene hydroxyl reinforced aluminum composites”, 2nd International conference on advances in mechanical engineering sciences (ICAMES-2k20) at PESCE, Mandya on 28th - 29th Feb, 2020.
3. Srinivasa M R, Rammohan, Sadashiva M, “Analysis of Mechanical Properties of Graphene Hydroxyl Reinforced Aluminium Composites Treated with Shock Waves”, International conference on Advances in Materials Research (ICAMR-2019), held at RUAS, Bengaluru, 25th -27th July, 2019.
4. Srinivasa.M.R, Y S Rammohan, Sadashiva.M, “Enhancement of hardness of Graphene Reinforced Aluminium Composites with shock waves”, Third International conference on Recent Research Emerging Trends in Materials and Mechanical Engineering (ICRRETMME2019)”, held at REVA University, Bengaluru, 12th -13th July, 2019.
5. Srinivasa.M.R, Y S Rammohan, Zahid Irfan “Fretting Analysis of Aluminium 6061 Reinforced with Graphene” RLJIT Global Conference on Smart Innovations in Engineering Systems and Technology (SIEST-2018), held at RL Jalappa Institute of Technology, Doddaballapura, Bangalore from 18th to 19th May 2018.
6. Srinivasa.M R , Dr Y S Rammohan “Analysis of Dynamic Properties of Aluminum 6061 Reinforced With Varying Percentage of Graphene” , International Conference on Advances in Mechanical Engineering Sciences (ICAMES-17) held at PES College of Engineering, Mandya, from 21st to 22nd April 2017.
7. **Sadashiva M**, Abhishek J V, Srinivasa M R, Santhosh N “*Characteristic Evaluation of Bending Properties of Hybrid Bio Composites with Different Orientation of Fibers*” International conference on Innovative Engineering Design (ICoIED 2020) at The Institute Of Engineers, Dehradun on 18th -20th January, 2020.

8. **Sadashiva M**, H K Shivanand , Srinivasa M R , Sharanraj V, “*Evaluation of toughness properties of aluminium based metal matrix hybrid composites joined by solid- state welding*”, 2nd International conference on advances in mechanical engineering sciences (ICAMES-2k20) at PESCE, Mandya on 28th -29th Feb, 2020.

E-Book chapters:

1. M. Sadashiva, M. R. Srinivasa, N. Santhosh, G. Ravichandran, and V. Sharanraj, “*Study on fretting wear characteristics of aluminium-based metal matrix hybrid composites fabricated by friction stir welding technique*”, Materials Physics and Chemistry, *Apple Academic Press, Taylor And Francis Group*, ISBN e book : 9780367816094, ISBN hard copy : 978-1-77188-867-7, (Cost: \$ 159.95 US), page no:245-264, 2020.
2. M. R. Srinivasa, Y. S. Rammmohan, and M. Sadashiva, “*Analysis of the Effect of Shock Waves on Fretting Behaviour of Graphene Hydroxyl Reinforced Aluminium 6061 Composites*” *Advances in Engineering Design*, published by Springer Nature Singapore Pte Ltd. (e Book) ISBN: 978-981-33-4018-3, ISSN 2195-4364 (electronic) pp: 521-529, 2021.

Awards and Membership:

1. Life member for Indian Society for Technical Education (MISTE)
2. Life member for Institution of Engineers (MIE)
3. Authorized Level-2 NDT Inspection
4. Best researcher award-2020- Institute of Scholars

Additional Responsibilities:

1. Secretary for Mechanical Engineering Association Library
2. Member- Board of studies-UG
3. Member and coordinator- Board of studies-PG
4. Chairman- Board of Examination-PG
5. Member- Board of Studies-UG
6. Coordinator- ICAMES-2020 Conference
7. Secretary for Mechanical Engineering Association
8. Member- Teaching Staff Association
9. Coordinator- NBA Activities.
10. Coordinator for ISHRAE -Student Chapter

Achievements:

1. Awarded with Best Researcher-2021 award by “ InSc”.
2. Awarded with second prize at Karnataka state level technical exhibition “SRISHTI-2022”, organized by Government of Karnataka.
3. Participated in National level “SMART INDIA HACKATHON-2022” held at Jaipur, Rajasthan
4. Member –Kannada Text book translation committee, VTU, Belagavi.
5. Member-Mechanical Experts Committee, Institute of Engineers, Karnataka State Chapter.