Faculty Profile - VTU FACULTY ID: 4GMME0002588

Dr. Srinivasa C.V
Professor & P.G. Coordinator
Department of Mechanical Engineering
GM Institute of Technology, Davangere, Karnataka, India 577006

Vision

Through teaching I dedicate myself to inspiring, challenging, and nurturing the minds of my students as they discover the art of learning - and the art of life.

Educational Qualifications

1	Ph.D. (Mechanical Engineering), J.N.N.C.E., Shivamogga, VTU Belagavi
2	M.Tech.(Design Engineering) K.L.E C.E.T., Belagavi, VTU Belagavi
3	B.E., N.M.A.M.I.T, Nitte, Mangaluru University

Professional Details Total experience: 15 years (Teaching:15)

GM Institute of Technology, Davangere
U.B.D.T.C.E, Davangere

Academic / Research Publications

1.	**Srinivasa C.V., Subramanya M, W.P. Prema Kumar and Prathap Kumar MT (2017),** "Buckling of Laminated Composite Skew Cylindrical Panels with Circular Holes under Uniaxial Compression", Journal of composite Materials, (Communicated) (*Impact Factor 2014:* 1.22)
2.	**Srinivasa C.V., Pavan Kumar, Thippeswamy E Prema Kumar WP (2017),** *"Free Vibration Studies on Plates with Central Cut-Out ", International Journal Of Applied Mechanics And Engineering (Communicated) (Impact Factor 2014: still computing)*
3.	**CV Srinivasa, WP Prema Kumar, MT Prathap Kumar, Ashok R Bangar, Pavan Kumar, MS Rudresh *(2016),*** *"Experimental and Numerical Studies on Buckling of Laminated Composite Skew Plates with Circular Holes under Uniaxial Compression",Mechanics of Advanced Materials and Structures, Vol. 24, Issue 4, Pages 304-317.* (*Impact Factor 2014:* 1.42)

4.	**Srinivasa C.V.,Y.J. Suresh and W.P. Prema Kumar(2015), "***Buckling of laminated composite cylindrical skew panels ", Journal of Thermoplastic Composite Materials (Article in Press Impact Factor 2014: 1.25)*
5.	***Srinivasa C.V., Subramanya M, W.P. Prema Kumar and Prathap Kumar MT*** *(2015), "Experimental and Numerical Studies on Buckling of Laminated Composite Skew Plates with Circular Holes under Uniaxial Compression", Mechanics of Advanced Materials and Structures (Article in Press Impact Impact Factor 2014: 1.22)*
6.	**Srinivasa C.V., Ashok R. Banagar, Y.J. Suresh and W.P. Prema Kumar** (2015), "Buckling Behaviour of Cylindrical Panels", Nonlinear Engineering, 4(2), *67-75*(*Impact Factor 2014:* still computing*)*
7.	**Srinivasa C.V., Dhanalakshmi S., Ramadevi P., Basavaraju B. and Raghu Patel G.R** (2015), "Influence of Fiber Content and Effect of Chemical Pre-Treatments on Mechanical Characterization of Natural Abaca Epoxy Composites", Indian Journal of Science and Technology, 8(11), *1-11*(*Impact Factor 2014:* still computing*)*
8.	**Srinivasa C.V., Dhanalakshmi S., Ramadevi P., Basavaraju B. Pramod Vasudeva Badyankal and Raghu Patel G.R** (2014), "Surface modification of abaca fiber by benzene diazonium chloride treatment and its influence on tensile properties of abaca fiber reinforced polypropylene composites", Ciência & Tecnologia dos Materiais 26; 142–149,(*Impact Factor 2014:* **still computing***)*
9.	**Srinivasa C.V., Dhanalakshmi S., Ramadevi P., Basavaraju B. and Raghu Patel G.R** (2014), "Abaca Fiber Reinforced Expoxy Composites:Evaluation Of Impact Strength", International Journal of Sciences: Basic and Applied Research (IJSBAR), 18(2), *305-317* (*Impact Factor 2014:* **still computing***)*
10.	**Srinivasa C.V., Dhanalakshmi S., Ramadevi P., Basavaraju B. Pramod Vasudeva Badyankal and Raghu Patel G.R** (2014), "Abaca Fiber Reinforced Hybrid Composites", International Journal of Applied Engineering Research, 9(23), 20273-20286 (*Impact Factor 2014:* **still computing***)*
11.	**Srinivasa C.V., Dhanalakshmi S., Ramadevi P., Basavaraju B. and Raghu Patel G.R** (2014), "Natural Areca Fiber:Surface Modification and Spectral Studies", Journal of Advances in Chemistry, 10(10), *2363-2373* (*Impact Factor 2014:* **still computing***).*
12.	**Srinivasa C.V., Dhanalakshmi S., Ramadevi P., Basavaraju B. Pramod Vasudeva Badyankal and Raghu Patel G.R** (2014), "Tensile Properties of Abaca Fiber Reinforced Polypropylene Composites", International Journal of Chemistry, 35(2), 1699-1706 (*Impact Factor 2014:* **1.44***)*
13.	**Srinivasa C.V.,Y.J. Suresh and W.P. Prema Kumar**(2014), "Experimental and Finite Element Studies on Free Vibration of Skew Plates", *International Journal of Applied Mechanics and Engineering*, 19 (2), 365-377.DOI:10.2478/ijame-2014-0024 (*Impact Factor 2014:* **still computing***)*
14.	**Srinivasa C.V., Suresh Y.J. and Prema Kumar, W.P.** (2014), "Finite Element Studies on Buckling of Laminated Cylindrical Skew Panels", *Science and Engineering of Composite Materials,21(4),551-558.DOI:* 10.1515/secm-2013-0204. **(** *Impact Factor 2012:0.58*)
15.	**Srinivasa C.V., Suresh Y.J. and Prema Kumar, W.P.** (2014), **"**Experimental and Finite Element Studies on Free Vibration of Skew Plates", *International Journal of Advanced Structural Engineering, 6(1)*) (Article ID: 48).*DOI:10.1007/s40091-014-0048-3.* **(***Impact Factor 2012:* **still computing**)

16.	**Srinivasa C.V., Suresh Y.J. and Prema Kumar, W.P.** (2014), "Finite Element Studies on Free Vibration of Laminated Composite Cylindrical Skew Panels", *Advances in Mechanical Engineering,* Vol. 2014 (Article ID: 174085), 13 pages, *DOI:10.1155/2014/174085.***(** *Impact Factor 2014:**1.062***)**
17.	**Srinivasa C.V., Suresh Y.J. and Prema Kumar, W.P.** (2014), "Experimental and Finite Element Studies on Free Vibration of Cylindrical Skew Panels", *International Journal of Advanced Structural Engineering,* 6(1). *DOI:10.1186/2008-6695-6-1.* **(***Impact Factor 2014:* **still computing**)
18.	**Srinivasa C.V., Suresh Y.J. and Prema Kumar, W.P.** (2014), "Experimental and Finite Element Studies on Buckling of Cylindrical Skew Panels Under Uniaxial Compression", *Annals of Solid and Structural Mechanics* (Accepted). **(***Impact Factor 2014:* **still computing**).
19.	**Srinivasa C.V., Suresh Y.J. and Prema Kumar, W.P.** (2013), "Experimental and Finite Element Studies on Buckling of Skew Plates Under Uniaxial Compression", *Science and Engineering of Composite Materials* (Ahead of Print). *DOI:* 10.1515/secm-2013-0153. **(** *Impact Factor 2012:0.58*)
20.	**C. V. Srinivasa, and K. N. Bharath**(2013), "Effect of alkali treatment on impact behaviour of areca reinforced polymer composites," World Academy of Science, Engineering and Technology International Journal of Chemical, Nuclear, Metallurgical and *Materials Engineering, 7(4):13-137* (*Impact Factor 2014: 0.5672)*
21.	**Srinivasa C.V., Dhanalakshmi S., Ramadevi P., and Basavaraju B**.(2013), "Influence of esterification On Water Absorption Of Single Abaca Fiber", Chemical Science Transactions, 2(2): 413-422.DOI:10.7598/cst2013.371 (*Impact Factor 2014: 0.60)*
22.	**Srinivasa C.V., Suresh Y.J. and Prema Kumar, W.P.** (2012), "Free Flexural Vibration Studies on Laminated Composite Skew Plates", *International Journal of Engineering, Science and Technology,* 4(4), 13-24.*DOI: http://dx.doi.org/10.4314/ijest.v4i4.2.* **(***Impact Factor 2012:* **still computing**)
23.	**Srinivasa C.V., Suresh Y.J. and Prema Kumar, W.P.** (2012) Buckling Studies on Laminated Composite Skew Plates*, International Journal of Computer Applications,* 37(1),35-47.*DOI:10.5120/4575-6612.* (*Impact Factor 2012: 0.821)*
24.	Srinivasa C.V.,Y.J. Suresh and W.P. Prema Kumar(2012), "**Free Flexural Vibration Studies on Skew Plates**", *International Journal of Aerospace and Lightweight Structures*, 2 (3), 405-420,doi:10.3850/S2010428612000438 (*Impact Factor 2014:* **still computing***)*
25.	**Srinivasa C.V., Dhanalakshmi S., Ramadevi P., and Basavaraju B.**(2012) " Effect of Chemical Treatment on Water Absorption of Areca Fiber**",** Journal of Applied Sciences Research, 8(11): 5298-5305. **(** *Impact Factor 2014:***0.4)**
26.	**Srinivasa.C.V., and Bharath.K.N**.(2012)"Water Absorption behaviour of Areca Fiber Reinforced Polymer Composites", International Journal of Materials and Biomaterials Applications, 2(2) : 12-14. **(** *Impact Factor 2014:***still computing)**
27.	Srinivasa C.V.,Y.J. Suresh and W.P. Prema Kumar(2012), "**Free Flexural Vibration Studies on Skew Plates**", *International Journal of Aerospace and Lightweight Structures*, 2 (3), 405-420,doi:10.3850/S2010428612000438 (*Impact Factor 2014:* **still computing***)*
28.	**Srinivasa C.V., Dhanalakshmi S., Ramadevi P., and Basavaraju B.**(2012), "Effect Of Alkali Treatment On Water Absorption Of Single Cellulosic Abaca Fiber", Bio Resources, 7(3): 3515-3524. (*Impact Factor 2014: 1.60)*
29.	**Srinivasa C.V., Dhanalakshmi S., Ramadevi P., and Basavaraju B.**(2012).

	"Effect of Esterification on Moisture Absorption of Single Areca Fiber", International Journal of Agriculture Sciences, 4(4):227-229. **(*Impact Factor 2014:*still computing)**
30.	**Srinivasa C.V.,Y.J. Suresh and W.P. Prema Kumar**(2012), " Mechanical Behaviour of Areca Fibers Reinforced Epoxy Composite", Advances In Polymer Technology, 31 (4), 319-330, (*Impact Factor 2014: 1.096)*
31.	**C. V. Srinivasa, and K. N. Bharath**(2011), "Impact and Hardness Properties of Areca Fiber-Epoxy Reinforced Composites" Journal of *Materials and Environmental Science, 2(4): 351-356,* (*Impact Factor 2014: 0.5672)*
32.	**C.V. Srinivasa, A. Arifulla, N. Goutham, T. Santhosh, H.J. Jaeethendra, R.B. Ravikumar, S.G. Anil, D.G. Santhosh Kumar, J. Ashish**(2011). "Static Bending and Impact Behaviour of Areca Fibers Composites" Materials & Design, 32(4): 2469-2475. (*Impact Factor 2014: 2.913)*
33.	**C.V. Srinivasa, Basavaraju B., Mownesh G.K. and Raghu Patel G.R.**(2010), "Flexural Behaviour Of Areca Fibers Composites", Bio Resources, 5(3): 1846-1858. (*Impact Factor 2014: 1.60).*
34.	**Srinivasa C.V, S.Sridhara Murthy, Ravindra Kiragi**, "Three-Dimensional Finite Element Stress Analysis of a Typical Rescue Hoist Beam", NAL PD ST 0327,Structures Division, National Aerospace Laboratories, Bangalore(2003)

Awards / Achievements	
1	Secured IIIrd Rank in M. Tech. (Design Engineering) for the Academic Year 2003
2	Guided two award winning student projects sponsored by Karnataka State Council for Science and Technology during the year 2006-07 and 2007-08 under student's project programme
3	Member, Board of Examiners in Mechanical /Industrial Production/Auto Engineering, (2011-12) Kuvempu University, Karnataka, India.
4	Best Teacher Award (By 2010-2014 Out Going Batch Students)
5	Working as a Lead Guest Editor for the Special Issue on Recent Developments in Natural Fiber Composites for Automotive Applications published by SAGE Publications in Advances in Mechanical Engineering.
6	Written a chapter for Handbook of Composites from Renewable Materials, Edition: 2017, Chapter: 13, pp.353-376, Publisher: WILEY, Editors: Vijay Kumar Thakur, Manju Kumari Thakur and Michael R. Kessler).
7	Establishment of "Green Engineering Research Center and Research on Biobased Sandwich Composite Structures" funded by the Government of Karnataka, Vision Group on Science and Technology, Department of Information Technology, Biotechnology and Science & Technology under the Karnataka Fund for Infrastructure Strengthening in Science and Technology (K-FIST–Level– I)[GRD No: 486] for the year 2016-17&2017-18. [Amount Sanctioned :20 Lakhs]

Workshops / Seminars / Conference organized / Conducted	
1	Organized invited talk on "Selection of Materials in Design Engineering" by Dr. G C Mohan Kumar, Professor, Mechanical Engineering Department, National Institute of

	Technology, Karnataka Surathkal, PO. Srinivasanagar 575025, Mangalore (DK), India. on 20, March, 2017.
2	Organized Two Days Workshop on Heat Ventilation and Air Conditioning (HVAC) in association with CADD Centre Davangere on 15th and 16th May 2017

Workshops / Seminars / Conference attended	
1	Attended and presented a paper at International conference on recent advances in composite materials [ICRACM], Banaras Hindu University, Varanasi, Dec17-19, 2004[PP220-232]
2	Presented a paper at International conference on Advances in Robotic, Mechanical Engineering and Design 2011 **[**ARMED 2011] Reva Institute of Technology and Management, Bangalore, Karnataka,India**.**
3	Attended and presented a paper at National Conference on Advances in Mechanical Engineering (Name 2010) on 24-25 September 2010, Jawaharlal Nehru National College of Engineering, Shimoga-577 204, Karnataka, INDIA
4	Attended I.S.T.E New Delhi sponsored one week short term training programme on "vibration analysis and condition based maintenance of machinery", J.N.N.C.E., Shivamogga, March 12-17, 2007.
5	Attended one week short term training programme on "introduction to smart materials and structures", at IIT Madras, Jan 04-08, 2011
6	One day work shop on "Mathematical Applications In Engineering Systems" B.I.E.T., Davanagere, October 27, 2007
7	National level work shop on "*Material Testing*", J.N.N.C.E., Shivamogga, November16-17, 2007
8	Students project programme(SPP) Seminar-Cum-Exhibition of the Karnataka State Council For Science And Technology during the year 2006-07, held at K.L.E.C.E.T., Belgaum, August 17-18,2007.

University Responsibilities	
1	Paper setting work
2	External examiner for practical exams
3	Evaluation of theory papers for both UG and PG Courses
4	External examiner for both UG and PG project work evaluation

New Technology / Information learnt / exposed	
1	Biobased Sandwich Composite Structures

Details of Academic e-Contents prepared / used	
1	Presented a power point presentation on “Introduction to Finite Element Method in Engineering”
2	Visual video presentation on some important topic
3	National programme on Technology Enhanced Learning (NPTEL) Video for teaching

Membership Details
Indian Society for Technical Education (ISTE)
Indian Society of Theoretical and Applied Mechanics (ISTAM)
Materials Research Society of India(MSRI)

Personal Details	
Gender	Male
Date of Birth	20th November
Email	srinivasacv@gmit.ac.in
Contact detail	Mobile: 94485 88792