


## Faculty Profile

General						
Name	DIVYASHREE M					
Designation, Department & Affiliated Institution	Assistant Professor, Department of Civil Engineering, P.E.S. College of Engineering, Mandya – 571 401					
Research Area	Structural Engineering					
Contact Number	+91 9845019400					
Email ID	<a href="mailto:divyashreem@pesce.ac.in">divyashreem@pesce.ac.in</a>					
<b>Academic Profile</b>						
Educational Qualification						
Course	College	University	Year of Passing	% ge	Class	
Ph.D.	PESCE, Mandya	VTU		Pursuing		
M.Tech	PESCE, Mandya	VTU	2014	91	FCD	
B.E.	PESCE, Mandya	VTU	2011	69	First Class	
<b>Professional Experience</b>						
Organization & dept.	Designation		Period	Total of Experience		
CIE, Consultancy	Design Engineer		2011-2012	1 Year		
PESCE, Mandya	Assistant Professor		2014-Till Date	9 Years		
<b>Report of Work</b>						
Teaching (details of courses taught)	<p><b>UG:</b> Advanced Concrete Technology, Design of Steel Structures, Design and drawing of RCC Structures, Design and Drawing of Steel Structures, Basic Structural analysis, Structural Analysis II, Concrete Technology, Strength of Materials, RCC and Steel Structural Design, Analysis of Structure.</p> <p><b>PG:</b> Mechanics of Deformable bodies, Advanced Design of Steel Structures.</p>					
Research Guidance (Ph.D/M.Sc Engg Student awarded & pursuing )	Awarded		Pursuing			
	Ph.D	M.Sc Engg	Ph.D	M.Sc Engg		
		-		-		
Sponsored Research (List of Projects taken up/completed and funds receiver & funding sources)	<p>✓ By KSCST under "Student Project Programme - 44th Series" in the year 2021-22.</p> <p>1. Project reference no.: 44S_BE_3619</p> <p>2. Project reference no.: 44S_MTECH_060</p>					
<b>Publications</b>						
Papers in Refereed Journals(No.)	National		International			
	-		11			
Papers at Conference(No.)	National		International			
	1		2			
<b>Others</b>						
<ul style="list-style-type: none"> <li>• As part of National Education Policy (NEP) initiative by AICTE to provide</li> </ul>						

**technical education in regional languages**, I have been selected to translate the textbooks “**Environmental Science**” and “**Introduction to Civil Engineering**” to **Kannada language**. The above work is successfully completed, and the textbooks are ready for publication.

- As a part of NPTEL program to translate **technical course to regional languages**, I have been selected to translate the course “**Design of Masonry Structure**” and “**Statistics I**” to **Kannada language and the same is completed successfully**. (This course material in the regional language will be available in NPTEL online Curriculum).

### LIST OF PUBLICATIONS

1. Divyashree M, Bhavyashree B N and Dr. Gopi Siddappa,(2014), Comparison of Bracings and Shear Walls as Seismic Strengthening Methods to Buildings with Plan Irregularities, *International Journal of Research in Engineering and Technology, IJRET, eISSN: 2319-1163 / pISSN: 2321-7308, Volume: 03 Special Issue: 06 | May-2014 | RRDCE - 2014, Available @ <http://www.ijret.org>*
2. Divyashree M and Gopi Siddappa,(2014), Seismic Behavior of RC Buildings with Re-entrant Corners and Strengthening, *International Organization of Scientific Research-Journal of Mechanical and Civil Engineering, 8th and 9th of May 2014 , IOSR-JMCE.*
3. Divyashree M, Dr. Gopi Siddappa and Bhavyashree B N, (2014), Seismic Performance of structures with Discontinuous load Path and their strengthening, *First annual Conference on Innovation and Development in Civil Engineering, on 19<sup>th</sup> and 20<sup>th</sup> May 2014 at NITK, Surathkal.*
4. Dr.Gopisiddappa, M.Divyashree, Sindhuja G J, (2017), Performance Study of High Rise Building With Diagrid System Under Dynamic Loading, *International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395 -0056 Volume: 04 Issue: 06 | June -2017 [www.irjet.net](http://www.irjet.net) p-ISSN: 2395-0072*
5. Yashwanth M K , Divya Shree M,(2018), Shreyas K S, Comparative Study of Different Configuration of Roof Truss for an Industrial Shed, *International Journal of Emerging Trends in Engineering and Development.Issue 8, Vol.2 (February- March 2018). Available online on [http://www.rpublication.com/ijeted/ijeted\\_index.htm](http://www.rpublication.com/ijeted/ijeted_index.htm), ISSN 2249-6149.*
6. Amarnath K.P. and Divyashree M.(2018), Study On The Effects Of P-Delta On The Influence Of Stiffness Of Diaphragms On The RC Framed Structures, *National Conference on Smart and Sustainable Construction SASC-2018, 16th May , 2018, Organized by Department of Civil Engineering Adichunchanagiri Institute of Technology, Chikkamagaluru, Karnataka, India.*
7. Umesh R , Divyashree M. (2018), A Comparative Study On The Sensitivity Of Mat Foundation To Soil Structure Interaction, *National Conference on Smart and Sustainable Construction SASC-2018, 16th May , 2018, Organized by Department of Civil Engineering Adichunchanagiri Institute of Technology, Chikkamagaluru, Karnataka, India*
8. Amarnath K P, Dr. H J Puttabasavegowda, Divyashree M,(2018), Influence of Core Wall on the Geometric non-linear Behavior of RC Framed Structure, *International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056,Volume: 05 Issue: 06 | June-2018 [www.irjet.net](http://www.irjet.net) p-ISSN: 2395-0072*
9. Amarnath K P, Dr. H J Puttabasavegowda, Divyashree M, (2018), Study on the Effects of Geometric Non-Linear Behavior of RC Framed Structures, *International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056,Volume: 05 Issue: 06 | June-2018 [www.irjet.net](http://www.irjet.net) p-ISSN: 2395-0072*

10. Pradeep Kumar C P, H J Puttabasavegowda and M Divyashree,(2019), Experimental Study on the Influence of Sisal Fiber Reinforcement on the Properties of Self Compacting Concrete, *International Journal of Civil Engineering and Technology (IJCIET)*, Volume 10, Issue 05, May 2019, pp. 1014-1025, Article ID: IJCIET\_10\_05\_102, ISSN Print: 0976-6308 and ISSN Online: 0976-6316
11. Asha K N, Divyashree M,(2019), Experimental Study on the Influence of Steel Fiber Reinforcement on the Properties of Self Compacting Concrete, *International Journal for Research in Applied Science & Engineering Technology (IJRASET)*, ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.177, Volume 7 Issue VI, June 2019- Available at [www.ijraset.com](http://www.ijraset.com)
12. Spoorthi S, Divyashree M, T M Prakash,(2020), An Experimental Study On The Influence Of Sisal Fiber & Combination Of Sisal And Steel Fiber Reinforcement On The Properties Of Self Compacting Concrete & Conventional Concrete, *International Journal Of Engineering Research And Management*, An ISO 9001:2008 Certified Organization, ISSN: 2349-2058, Published in IJERM Special Issue (Special Issue November 2020), Paper ID: - IJERMSI20011 <https://www.ijerm.com/pdf/cert.php>
13. Divya P, Divyashree M, T M Prakash,(2020), Investigating The Effect Of Steel Fiber Reinforcement And The Combination Of Steel & Sisal Fibers On The Properties Of Self Compacting Concrete, *International Journal Of Engineering Research And Management*, An ISO 9001:2008 Certified Organization, ISSN: 2349-2058, Published in IJERM Special Issue (Special Issue November 2020), Paper ID: - IJERMSI20012 <https://www.ijerm.com/pdf/cert.php>
14. Pareekshith Gowda K N, **Divyashree M** (2022), “A Study on Diagrid Structural System Used In Tall Buildings”, *International Journal of Advances in Engineering and Management (IJAEM)*, Volume 4, Issue 7 July 2022, pp: 419-423 [www.ijaem.net](http://www.ijaem.net) ISSN: 2395-5252