


## Faculty Profile

General					
Name	Dr. LAKSHMI P.S				
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 9964363131				
Email ID	lakshmips114@gmail.com				
Academic Profile					
Educational Qualifications					
Degree	College	University	Year of Passing	% age	Class
Ph. D	PESCE, Mandya	VTU, Belagavi	2023	Completed	
M. Tech	PESCE, Mandya	VTU, Belagavi	2010	<b>90.10</b>	FCD (1 <sup>st</sup> rank)
B.E	PESCE, Mandya	VTU, Belagavi	2008	<b>79.69</b>	FCD
Professional Experience					
Organization & dept.	Designation		Period	Total of Experience	
P.E.S.C.E, Mandya	Assistant Professor		2010-Till date	13 Yrs.	
Report of Work					
Teaching (details of courses taught) [U.G & P.G]	Analysis of Plates, Plates and Shells, Structural Dynamics-Theory and Computation, Design and Drawing of RCC Structures, Advanced Design of RC Structures, Design of RC Structural Elements, Advanced Design of Prestressed Concrete Structures, Design of Prestressed Concrete, Materials of Construction, Building Planning and Drawing, Design of Masonry Structures., Computer Aided Laboratory.				
Research Guidance (Ph.D /M.Sc Engg Student awarded & pursuing )	Awarded		Pursuing		
	Ph.D	M.Sc Engg	Ph.D	M.Sc Engg	
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Sponsored Research (List of Projects taken up/completed and funds receiver & funding sources)	---				
Publications					
Papers in Refereed Journals (No.)	National		International		
	-		10		
Papers at Conferences (No.)	National		International		
	01		-03		

## IPR Patent

- Lakshmi P.S., Dr. Jayashankarbabu B.S., Dr. N.C. Balaji, Naveenkumar S., Dr. H.C. Chowdegowda, Dr. S. Poorna Prajna, “Method of producing masonry units using sugarcane bagasse ash as a value-added material”, Patent Number: 202341028533.

## LIST OF PUBLICATIONS

1. Rohith R., **Lakshmi P.S.** (2023), “ Study on Mechanical and Durability Properties of Mortar using Bagasse Ash and Fly Ash Combination”, IRJMETS, Vol. 05, Issue 07, July 2023.
2. S. Poorna Prajna, H. C. Chowdegowda, **P. S. Lakshmi**, Avinash N (2022) “Experimental Investigations on Carbon Black in Bituminous Concrete Mixes for Road Works” presented in Second International Conference on Construction Materials and Structures (ICCMS2022) at NIT Calicut, Kerala during 13-19 December, 2022.
3. Shanthasathya H R, **Lakshmi P S**, “Seismic Analysis of High Rise RC Structures With Shear Wall System”, International Journal of Advances in Engineering and Management (IJAEM) Volume 4, Issue 7 July 2022, pp: 1265-1272, ISSN: 2395-5252, DOI: 10.35629/5252-040712651272.
4. Madhuri S L, **Lakshmi P S**, “Seismic Performance Evaluation of Fluid viscous Damper”, International Journal of Advances in Engineering and Management (IJAEM) Volume 4, Issue 7 July 2022, pp: 1256-1260, ISSN: 2395-5252, DOI: 10.35629/5252-040712561260.
5. S Poorna Prajna, **P S Lakshmi**, G Gayathri, M Beulah, M R Sudhir (2021) “Transitions in rheological properties of modified bitumen containing chemical additives”, presented in 3rd International Conference on Advances in Civil Engineering at KL University, Andhra Pradesh during 25th – 26th June 2021 and published in IOP Conference Series: Materials Science and Engineering, Volume 1197. [DOI: 10.1088/1757-899X/1197/1/012045].
6. S. Poorna Prajna, Mohamed Ilyas Anjum, **P S Lakshmi**, G Gayathri, M Beulah, M R Sudhir (2021) “A comprehensive investigation of the effect of mineral additives to bituminous concrete” *Materials Today: Proceedings*, Science Direct Journal, Elsevier Publication, Vol. 46, Part 1, Pages 714-721, ISSN: 22147853, <https://doi.org/10.1016/j.matpr.2020.12.090>.
7. Shubha Vinaya A.S , Sachitha H.D , Ravindra M.L, Darshan P, Lakshmi P.S (2020), “ Experimental Investigation of Sugarcane Bagasse Ash As Value Added Material on Strength of Masonry Prism”, International Journal of Engineering Research in Mechanical and Civil Engineering (IJERMCE), Vol 5, Issue 8, August 2020, ISSN (Online) 2456-1290.
8. Naveen Kumar S.1, T. M. Prakash<sup>2</sup>, Lakshmi P.S, (2020), “Experimental Study of Concrete with Steel Mesh as Reinforcement and Value Added Materials”, International Journal of Advanced Science and Technology Vol. 29, No. 08, (2020), pp. 2033- 2044.
9. Lakshmi P.S, Dr. B.S. Jayashankar Babu, Dr. N.C. Balaji (2019), National Conference on New Generation Concrete & its Applications (NGCA-2019), held on 8th August 2019, organised by Department of Civil Engineering, Adichunhanagiri Institute of Technology, Chikkamagaluru, Karnataka.

10. Lakshmi P.S, Dr. B.S. Jayashankar Babu, Dr. N.C. Balaji, Chaithra G.B, (2019), International Journal of Civil Engineering and Technology (IJCIET), Volume 10, Issue 05, May 2019, pp. 954-962, ISSN Print: 0976-6308 and ISSN Online: 0976-6316.
11. Lakshmi P S, B S Jayashankar Babu, N C Balaji, Priyanka D K, (2019).” Experimental Investigation on Utilization of Sugarcane Bagasse Ash as a Cementitious Material in Mortar”, International Journal for Research in Applied Science & Engineering Technology (IJRASET), (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.177 Volume 7 Issue VI, June 2019.
12. Naveen Kumar S., T.M. Prakash, Kajal R., Lakshmi P.S...(2019).”Comparative evaluation of Steel mesh Reinforced concrete along with steel slag as value added material in concrete”, Volume 8, Issue 8, June 2019,pp.3116-3119, ISSN Print :2278-3075.
13. H.S. Sukesh, H.S. Suresh Chandra, P.S. Lakshmi, (2017), “ Influence of Outrigger system in RC Structures for Different Seismic Zones”, International Research Journal of Engineering and Technology (IRJET), Volume 04, Issue 06,June,pp-1749-1752, ISSN :2395-0056.