


Faculty Profile

General						
Name	Dr. S. POORNA PRAJNA					
Designation, Department & Affiliated Institution	Associate Professor, Department of Civil Engineering, P.E.S. College of Engineering, Mandya – 571 401					
Research Area	Highway Engineering					
Contact Number	+91 9986807991					
Email ID	aviprajna26@gmail.com poornaprajnas@pesce.ac.in					
Academic Profile						
Educational Qualifications						
Degree	College	University	Year of Passing	% ge	Class	
Ph. D.	GCE, Ramanagaram	VTU, Belagavi	2020	Awarded		
M. Tech.	BMSCE, Bengaluru	VTU, Belagavi	2011	69.72	FC	
B.E	GCE, Ramanagaram	VTU, Belagavi	2008	63.89	FC	
Professional Experience						
Organization & Dept.	Designation	Period	Total of Experience			
GCE, Ramanagaram	Lecturer	15-07-2010 to 31-03-2013	02 Years			
	Assistant Professor	01-04-2013 to 07-08-2019	07 Years			
PESCE, Mandya	Assistant Professor	08-08-2019 to 31-07-2023	04 Years			
PESCE, Mandya	Associate Professor	01-08-2023 to Till date	-			
Report of Work						
Teaching (Details of courses taught)	<u>Undergraduate:</u> Transportation Engg. - I, Transportation Engg. - II, Geotechnical Engg.-I, Geotechnical Engg.-II, Pavement Materials & Construction, Traffic Engg., Urban Transport Planning, Engineering Mechanics, Basic Transportation Engineering, Building Materials and Construction, Highway Traffic and Safety Measures, Construction Management & Entrepreneurship, Public Health Engineering.					
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		
	2			6		
Papers at Conferences (No.)	National			International		
	2			3		

PATENTS

- 1) **Indian Patent** “Method of producing masonry units using sugarcane bagasse ash as a value-added material” Application No. 202341028533A, Published 26/05/2023.

LIST OF PUBLICATION

1. **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.
2. **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, Vol. 1197. [DOI: 10.1088/1757-899X/1197/1/012045]
3. **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>]
4. Gayathri G, Mamatha P G, Beulah M, **Poorna Prajna S** (2020), “An Assessment of Ground Water Quality Index in Mandya City, Karnataka”, *Journal of Indian Water Works Association*, LII, No. 1, 33-41.
5. **Poorna Prajna S**, G. Gayathri, Dr. Mohamed Ilyas Anjum, Dr. B.G.Savitha, Sumanth S. (2019), “Review on Coloured Asphalt Pavements” published and presented at National Seminar on “Recent Advances in Eco-Friendly Materials for Enhancing Pavement Sustainability” organized by Department of Civil Engg. To Commemorate “Engineers day” on 20th September at DSCE, in Association with Science & Engineering Research Board, New Delhi.
6. **Poorna Prajna.S**, Dr. Mohamed Ilyas Anjum. (2018), “*Experimental Analysis of Titanium Dioxide in Bituminous Concrete Mixes for Road Works*” in *Journal of Advanced Research in Dynamical and Control Systems*, ISSN 1943-023X, Volume 10, 01 – Special Issue, pp: 175-187.
7. **Poorna Prajna.S**, Dr. Mohamed Ilyas Anjum. (2015), “*Rice Husk Ash as Modifier in Bituminous Concrete Mixes*” published and presented at National Conference on Emerging trends in Engineering and

Technology (G-Tech'15) on 25th April, at G. Madegowda Institute of Technology, Mandya, Karnataka, India.

8. **Poorna Prajna S**, Dr. Mohamed Ilyas Anjum. (2015), “*Suitability of Sulfur as Modifier in Bitumen for Road Construction*”, published in International Journal of Research in Engineering and Technology, Volume 4, Special Issue 4, pp: 32-37.
9. **Poorna Prajna.S**, Dr. Mohamed Ilyas Anjum. (2014), “*Effect of Poly Phosphoric Acid on Marshall Test Properties of Bituminous Concrete Mixes*” in International Journal of Emerging Technology & Advanced Engineering, Volume 4, Issue 7.
10. **Poorna Prajna.S**, Dr. Mohamed Ilyas Anjum. (2014), “*Marshall Test Properties of Bituminous Concrete Mixes Using Fly Ash Modified Bitumen*” in International Journal of Scientific & Engineering Research, Volume 5, Issue 6.
11. **Poorna Prajna.S**, Dr. H S Jagadeesh, Dr. Mohamed Ilyas Anjum. (2014), “*Toughness Characteristics of Modified Bitumen for Road Construction*” International Journal of Advances in Engineering Research, Vol. No. 7, Issue No. VI.
12. **Poorna Prajna.S**, Dr. Mohamed Ilyas Anjum. (2014), “*Modification of Bituminous Concrete Mixes Using Lime Sludge*” published and presented in International Conference on Sustainable and Innovative Construction Technologies (ICSICT-2014) on 15th and 16th December, at Karunya Institute of Technology and Sciences, Coimbatore, Tamil Nadu, India.
