


Faculty Profile

General					
Name	KUMUDA V				
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	9844966557				
Email ID	Kumuda011@gmail.com				
Academic Profile					
Educational Qualifications					
Degree	College	University	Year of Passing	% ge	Class
M. Tech	Vijaya Vitalla Institute of Technology, Bangalore	Visvesvaraya Technological University (VTU)	2016	80.425%	First Class with Distinction
B.E	P.S.E College of Engineering, Mandya	Autonomous affiliated to Visvesvaraya Technological University (VTU)	2014	80.2%	First Class with Distinction
Professional Experience					
Organization & dept.	Designation	Period	Total of Experience		
Sampoorna Institute of Technology and Research, Channapatana Civil Engineering Department	Assistant professor	2016-2017	1 year		
East West Institute of Technology, Bangalore Civil Engineering Department	Assistant professor	2017-2023	5 year 9 months		
P. E. S College of Engineering, Mandya	Assistant professor	2023	Till Date		
Report of Work					
Teaching (Details of courses taught)	<ul style="list-style-type: none"> Elements of Civil Engineering Basic Surveying Concrete Technology Analysis of Determinate Structures Analysis of Indeterminate Structures Building materials and Construction Alternative building materials 				
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 fundsreceiver & funding sources)	VTU 2021 - Innovative projects of UG final year students (Annexure - 2)	
	Title of the project - The experimental study on photovoltaic concrete using aluminum foil and copper foil.	
	Amount awarded – 5000 /-	
Publications		
Papers in Refereed Journals (No.)	National	International
	-	11
Papers at Conferences (No.)	National	International
	8	-

LIST OF PUBLICATIONS

1. Kumuda V, Assistant Professor of Civil Engineering Department, SITAR ‘ *Temperature Effect on High Performance Concrete with Fibres* ‘ IDL - International Digital Library Of Technology & Research Volume 1, Issue 5, May 2017. **(Impact Factor: 0.71)**
2. Kumuda V¹, Veerendra Kumar K N² , ‘ *Effect on Drying Shrinkage Effect of Concrete due to The Addition of Carbon Fibres and Partial Replacement of Cement and Fine Aggregates* ’ IJRET: International Journal of Research in Engineering and Technology , eISSN: 2319-1163 , pISSN: 2321-7308 , Volume: 06 Special Issue: 05 , NCACE 2017 , Aug-2017. **(Impact Factor: 6.171)**
3. Kumuda V¹ , Nalina K² , Pradeep Kumar³ , ‘ *Effect of Thermal Power Plant Wastes on Compressive Strength of M₂₅ Grade Fibre Reinforced Concrete* ’ International Journal of Innovative Research in Science, Engineering and Technology, ISSN(Online): 2319-8753,ISSN (Print): 2347-6710 , Vol. 7, Issue 4, April 2018 **(Impact Factor: 7.089)**
4. Pradeep Kumar¹, Kumuda V² , ‘ *Preparation of Fine Aggregate by Using Thermal Power Plant Waste by Pelletisation Technique* ’ International Journal of Research and Scientific Innovation (IJRSI) , Volume V, Issue V, May 2018 , ISSN 2321–2705. **(Impact Factor: 3.171)**
5. Kumuda V¹, Usha K N², Sunny K³, Pradeep Kumar⁴ , ‘ *Strength Analysis of Replacement of Fine Aggregates with Fly Ash Fine Aggregates*’ International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056, Volume VII, Issue VI, June 2020 , e-ISSN: 2395-0056 ,p-ISSN: 2395-0072, ISO 9001:2008 Certified Journal Page No. 5060-5063 **(Impact Factor: 7.529)**
6. Sunny K¹, Kumuda V ², Usha K N³ , ‘ *Experimental Inspection on Strength of Concrete using Fibers*’ International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 , Volume VII, Issue VI, June 2020 , e-ISSN: 2395-0056 ,p-ISSN: 2395-0072, ISO 9001:2008 Certified Journal , Page No. 4901-4905 **(Impact Factor: 7.529)**
7. Usha K N¹, Sunny K², Kumuda V³, ‘ *Laboratory Investigation on Translucent Concrete by using Optical Fibers*’ International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 , Volume VII, Issue VI, June 2020 , e-ISSN: 2395-0056 ,p-ISSN: 2395-0072, ISO 9001:2008 Certified Journal , Page No. 5086-5089 **(Impact Factor: 7.529)**
8. Madhukumar K C¹, Kumuda V², Dheeraj Kumar D³, Naveenkumar Swamy⁴ ‘ *Seismic Analysis of Vertical Geometric Irregular Diagrid Structures with Different Diagonal Angles*’ International Research Journal of Engineering and Technology(IRJET) Volume: 07 Issue: 09, Sep2020, p-ISSN: 2395-0072, e-ISSN: 2395-0056.

9. Nanda Kumar K¹, Kumuda V², Sunny K³, Pravin Ghimire⁴ '**Comparative Study of Conventional Steel Braces and Buckling Restrained Braces in a High-Rise RC Building**' International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN:2321-9653; ICValue:45.98; SJ ,ImpactFactor:7.429, Volume 9 Issue VII July 2021.
10. Sudha.N.Bhat ¹, Kumuda.V² , Pravin Ghimire³ Ramesh Kumar B P³ '**Comparitive Analysis of Floating columns using Conventional Analysis and Construction Sequence Analysis**' International Journal of Innovative Research in Science, Engineering and Technology (IJRSET), e-ISSN: 2319-8753, p-ISSN: 2347-6710, www.ijrset.com , Impact Factor: 7.569, Volume 10, Issue 11, November 2021, DOI:10.15680/IJRSET.2021.1011063.
11. Mr. Narasimha Murthy TS¹ , Ms. Kumuda V ², Mr. Ramesh Kumar BP ³, Mr. Pravin Ghimire⁴ '**Comparative Study on Different Tubular Structure for Lateral Loads and Analysis of Mass and Stiffness Irregularity for Finest Tubular Structure**' International Journal of Scientific Research in Engineering and Management (IJSREM), Volume: 06 Issue: 09 , September – 2022, Impact Factor: 7.185, ISSN: 2582-3930.

PAPER PRESENTATIONS IN CONFERENCES / SYMPOSIUM (NATIONAL)

1. Kumuda V¹ and Radhika K N² , **Utilisation of Thermal Power Plant Waste as Construction Materials**, National Symposium , OCT- 2017, ATME College , Mysore.
2. Kumuda V & Veerandra Kumar K N , '**Effect on Drying Shrinkage Effect of Concrete due to the addition of Carbon Fibres and Partial Replacement of Cement and Fine Aggregates**'. National conference on Advance in Civil Engineering (NCACE – EWIT-2017), EWIT , Bangalore.
3. Pradeep Kumar¹, Jayashree M N², Kumuda V³ & Radhika K N⁴ '**Assessment of Suitability of Thermal Power Plant Waste as A Fine Aggregate for Sustainable Management of Environment**' . Futuristic Technology in Civil Engineering for Sustainable Development NCFTCES-18 , 9th May 2018, SJBIT , Bangalore
4. Kumuda V¹ & Pradeep Kumar² , Nalina K³ , '**Effect of Replacement of Fine Aggregates with Fly Ash Fine Aggregates on Compressive Strength of M₃₀ Grade Concrete**'. National conference on Advance in Civil Engineering (NCACE – EWIT-2018), EWIT , Bangalore.
5. Dileep Kumar T R¹ , Nalina K ² & Kumuda V³ '**Dynamic Behaviour of Diagrid Structures**'. **Momentz – 2019** National Level Student Conference on Advance in Civil Engineering 21 & 22 March 2019 , RRCE , Bangalore.
6. Poojashree¹ , Poornima H S² , Sachchin K S³ Venu A N⁴ & Kumuda V⁵ '**Analysis of G+4 Building with and without Floating Column Using Etabs** '. National conference on Advance in Civil Engineering (NCACE – EWIT-2019), EWIT , Bangalore.
7. Nalina K¹ , Kumuda V² , Dinesh Kumar D³ '**Dynamic Behaviour of Diagrid Structures**'. National conference on Advance in Civil Engineering (NCACE – EWIT-2019), EWIT , Bangalore.
8. Madhukumar K C¹, Kumuda V² '**Seismic Analysis of Vertical Geometric Irregular Diagrid Structures with Different Diagonal Angles**' National conference on Advance in Civil Engineering (NCACE – EWIT-2020), EWIT , Bangalore

