



P.S.R. ENGINEERING COLLEGE
(An Autonomous Institution & Affiliated to Anna University, Chennai)
(An ISO 9001:2015 Certified Institution)



SIVAKASI – 626140.

FACULTY PROFILE

Name of the faculty : Dr, K.M.BASANTH BABU
Name of the Department : Civil Engineering
Present Designation : Professor
Date of Joining : 03.07.2020
Mail Id : basanthbabu@psr.edu.in



Particulars of Educational Qualification:

Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University
B.E.	CIVIL ENGINEERING	1993	THIAGARAJAR COLLEGE OF ENGINEERING (GOVT. AIDED - AUTONOMOUS), MADURAI 625 015	MADURAI KAMARAJ UNIVERSITY, MADURAI.
M.E.	STRUCTURAL ENGINEERING	2005	MEPCO SCHLENK ENGINEERING COLLEGE, SIVAKASI 626 005	ANNA UNIVERSITY, CHENNAI
Ph.D., (Part Time)	CIVIL ENGINEERING	2019	SETHU INSTITUTE OF TECHNOLOGY, KARIAPATTI, VIRUDHUNAGAR DIST.,	ANNA UNIVERSITY, CHENNAI

Experience: 17 Years

PERIOD	NO OF YEARS	DESIGNATION	INSTITUTION
03.07.2020 to Till Date	1.50	Professor	PSR Engineering College (Autonomous), Sivakasi 626140
05.01.2018 to 02.07.2020	2.50	Professor	KLN College of Information Technology, Sivagangai District
15.06.2013 to 04.01.2018	4.55	Associate Professor	KLN College of Information Technology, Sivagangai District
30.7.2012 to 14.06.2013	0.87	Full Time Research Scholar	Thiagarajar College of Engineering (Govt. Aided – Autonomous), Madurai 625 015
01.07.2009 to 22.6.2012	2.97	Assistant Professor	Mepco Schlenk Engineering College, Sivakasi 626 005
25.6.2007 to 30.6.2009	2.01	Lecturer	Mepco Schlenk Engineering College, Sivakasi 626 005

PERIOD	NO OF YEARS	DESIGNATION	INSTITUTION
27.6.2005 to 8.5.2007	1.86	Lecturer	Syed Ammal Engineering College, Ramanathapuram 623 502

List of Patent Publications:

S.No	Title	Application No	Year	Hyperlink
1.	Fiber Reinforced Rubber Weathering Joint	202141004603 A	2021	https://ipindia.gov.in/writereaddata/Portal/IPOJournal/1_4951_1/Part-1.pdf
2.	Low cost Eco-Friendly fibre false ceiling	202141004595 A	2021	https://ipindia.gov.in/writereaddata/Portal/IPOJournal/1_4951_1/Part-1.pdf

List of Journal Publications:

International Journals:

S.No	Authors	Title	Journal Name	Publication Details	Hyperlink
1.	Sounthararajan V. M, Sivasankar S, Basant Babu K. M, Vinodh Kumar R,	Sustainable Efficiency of Fly Ash with Fibre Composite Matrix on Volume Reduction in Flexural Rigidity	Journal of Green Engineering	Jan 2020 Vol.10_1, pp.161-179 IF:0.55, H-Index 7	http://www.jgenng.com/wpc/content/uploads/2020/02/volume10-issue1-11.pdf
2.	Kumutha Rathinam, Basant Babu Koattaiveedu Mohanram, Vijai Kanagarajan	Strengthening of Geopolymer Concrete beam strengthening with glass fibre reinforced polymer	Gradevinar	Jan.2016, Vol.68 (1) pp.11-19 IF:0.49, H-Index 11	https://doi.org/10.14256/JCE.1143.2014

International Conference:

- 1) Basanth Babu K.M, Dr. Kumutha Rathinam, Dr. Vijai Kanagarajan, “Strengthening of Geopolymer Concrete Columns with GFRP Composites”, Proceedings of the IRF International Conference on Construction, Mechanical and Industrial Engineering (ICCMIE), Chennai, India, October 2019.
- 2) K.M. Basanth Babu, R. Udhaya Meenatchi and Dr. M.C. Sundarraja, “Axial Behaviour of CFST Members – Analytical Investigation”, Proceedings of the International Conference on Futuristic Innovation and Developments in Civil Engineering (ICFiDCe13), Mepco Schlenk Engineering College, Sivakasi, pp 464, April 18-20, 2013.

- 3) KL. Muthuramu, K.M. Basanth Babu, “Rehabilitation of Rectangular Beam by E-Glass Fibre”, Proceedings of the International Conference on Innovations in Building Materials, Structural Designs and Construction Practices (IBMSDCP-2008), Bannari Amman Institute of Technology, Sathyamangalam, 15-17th May 2008, pp.294.

National Conference:

- 1) K.M. Basanth Babu, R. Udhaya Meenatchi and Dr.M.C.Sundarraja, “Axial Behaviour of CFST Members – Analytical Study”, Proceedings of the National conference on Research Congress in Civil Engineering (RCCE13), Government College of Technology, Coimbatore, pp. 35, April 17, 2013.
- 2) K.M. Basanth Babu, R. Udhaya Meenatchi, “Experimental Investigation on Slender CFST Members Strengthened under Compression using FRP Composites”, Proceedings of the National Conference on Modern Trends in Civil Engineering (NCMTC13), Dr. Sivanthi Aditanar College of Engineering, Tiruchendur, pp 8, May 4, 2013.
- 3) K.M. Basanth Babu, KL.Muthuramu, “Strengthening of Rectangular Beam by Polypropylene Sheets”, Proceedings of the National Conference on Failure Studies & Remedial Measures to Concrete Structures, K.S.R. College of Engineering, Tiruchengode, 19th& 20th December, 2008.
- 4) K.M. Basanth Babu, Sofia Thena, “Flexural Strengthening of Geopolymer concrete beam with E-glass woven roving fiber and chopped strand mat fiber bonded with epoxy resin”, Proceedings of the National Conference, PSN College of Engineering & Technology, Tirunelveli.
- 5) K.M. Basanth Babu, B.Krishnaveni, “Flexural Strengthening of Geopolymer concrete beam with E-Glass chopped strand mat fiber bonded with epoxy resin”, Proceedings of the National Conference on CONSTRUCT 2010, St. Xavier’s College of Engineering, Nagarcoil.