

PROFILE

K ARJUN

Mob: +91 8722 700 123

Email: kasiarjun@gmail.com



Work Experience :

- **Asst. Professor**, department of Civil Engineering, B.M.S. College of Engineering, Bengaluru, Karnataka, India (Handled subject like RCC, BMCT, Elements, Concrete Technology, Structural Analysis, CADD, Software and BMC labs) from Feb 2019 - Till today.
- **Asst. Professor**, department of Civil Engineering, **Dayananda Sagar College of Engineering**, Bengaluru, Karnataka, India (Handled subject like RCC, BMCT, Elements, Concrete Technology, Structural Analysis, CADD lab) from AUG 2015 – Feb 2019.
- **Asst. Professor**, department of Civil Engineering, **H.M.S. Institute of Technology**, Tumkur, Karnataka, India (Handled subject like Advanced RCC, Mechanics of Deformable Bodies, FEM, Design concepts of substructures of M.Tech and DPSC, CADD lab of BE) for 1 year.
- **Consultancy**, 2014 – till today.
- **Free Lancing**, 2012 – Present.
- **Corporate Trainer** for VFT groups from 2010

Educational Backdrop:

Qualification	Year of Passing	College / University / Board	Grade Obtained / Percentage	Domain
PhD (Pursuing)	--	BMS College of Engineering / VTU	--	Sustainable alternate materials
Master of Technology (M.Tech)	2014	SJCE, Mysore / VTU	FCD , 9.00	Industrial Structures
Bachelor of Engineering (B.E)	2012	SIT, Tumkur / VTU	FCD, 8.42	Civil Engineering
Pre University	2008	Narayana, / Board of Intermediate Education, AP	FCD, 88.3%	PCM
Secondary High School	2006	SSVN / Board of Secondary Education, AP	FCD, 82%	SSLC

Professional and Technical Qualification:

- Working exposure to analysis and design software's: ETABS, SAFE and STAAD Pro.
- Familiar with Auto cad, Origin Pro, SAP, Mat lab, CSI Col and Atena (FEM).

- Exposure to all types of Non-destructive testing instruments.
- Can operate total station for all survey purposes.
- Stood 6th in the state among the GATE qualified students of Civil as announced by KEA.
- Diploma in computer Applications with % of marks obtained is A⁺
- Very efficient in using Desktop Publishing Tools (DTP).
- Well versed with the computers and very quick in learning and implementing the new software's.

Extra Circular activities and hobbies :

- Philately, Bike riding and cooking.
- Stood third and second in district level 'Ramanujan Mathematics talent test in 2004 and 2005.
- Stood 4th in state (AP) at a National level Science fair in year 2005.
- Awarded "Best student of the year" in the school for the years 2005 and 2006.
- Was the SPL (School people leader) heading about 950 students during 2004-2006.
- Active member of organizing committee of "SHELTER" in the year 2011 and 2012 – National Level Civil Technical Fest.
- Participated and won three national and state level technical paper presentations during fests of the colleges.

Industrial training Experience:

- Worked as a trainee to learn trade skills in National Academy of Constructions (NAC), Hyderabad for 45 days.
- "Extensive Survey project" carried out as a part of academic curriculum.
- M.Tech Industrial Training work – "Analysis and Design of RC Structures", work carried out during the 2 months industrial training at CKM consultant- A Multi-National Company – Singapore based, at Bangalore. This involved analysis and design of a Multi-storeyed RC framed building, flat slab 4 storied building and an industrial steel building (PEB Structure).
- Worked as site execution Engineer in 'Vijay constructions, Bangalore for 4 Months.
- A 'Finishing School' course on ETABS and SAFE for 45 days.
- Attended one week Faculty Development Programme on
 - "MAT-LAB for Engineers" at SJBIT from 25th to 30th July 2016.
 - "Glass as a building Material" jointly organized by MSRIT and Glass Academy.
- Attended workshops on Building Construction Methodology, Design Safe, Steel Construction, Bridge maintenance, Sustainable development, E-Tabs and **many more**.

Projects Guided:

B.E Hobby Project: 04

B.E Major Project: 15

M-tech Project: 08

Publications:

International Journals:

- M. C. Nataraja & **K Arjun**, “A comparative study on the analysis and design of base plate by different approaches”, Journal of Civil Engineering Technology and Research (JCETR), Vol-2, Jan- 2014, PP-33-38, Impact Factor: 4.024.
- Shubhalakshmi.B.S, Dr.H.N.Jagannatha Reddy, **K Arjun** “Flexural Strength Of Two-Way Rc Slabs Retrofitted With Basalt Fiber Reinforced Polymer (BFRP)” published in International Journal Of Engineering Sciences & Research Technology, volume 5, issue 8, August 2016, ISSN: 2277-9655, Page No.207-213, Impact Factor: 4.116
- **K Arjun**, Shubhalakshmi.B.S “Experimental Study on Bamboo Reinforced beam”, published in International Research journal of Engineering and Technology, Vol. 3 Issue 9, Sept. 2016 e-ISSN 2395-00056, p-ISSN 2395 0072, Impact Factor: 5.181
- Rahul M, **K Arjun**, Shubhalakshmi.B.S “Flexural study on simply supported reinforced concrete two-way slab with partial replacement of GGBS”, published in International Journal of research Granthaalayah, International Journal of research- Granthaalayah, pg no.1-9, www.granthaalayah.com ISSN(O):2350-0530, ISSN(P): 2394-3629, March 2017 Impact Factor: 2.552
- Shubhalakshmi.B.S, Dr.H.N.Jagannatha Reddy, **K Arjun** “Flexural strength of Two-way RC slabs retrofitted using Basalt fiber reinforced polymer (BFRP) with mechanical anchorage” published in International Journal of Advanced Research (IJAR), ISSN: 2320-5407, Int.J.Res. 5(4), Page No. 1198-1204, April 2017 Impact Factor: 6.118
- Shubhalakshmi.B.S, Dr.H.N.Jagannatha Reddy, **K Arjun** “Flexural strength of Structural RC slab retrofitted with Basalt fiber along with mechanical anchorage” published in International Journal of Current Research (IJCR), ISSN: 0975-833X, volume 9, issue 05, Page No. 50284-50288, May 2017, Impact Factor: 7.086
- **K Arjun** et al, “A study on crop water requirement from the manual method”, Global Journal of Engineering Science And Researches (GJESR), ISSN 2348 – 8034 DOI- 10.5281 / zenodo. 820354, Impact Factor- 4.022, June 2017, PP-80-84, Impact Factor: 4.022.

International Conferences:

- Dr. M. C. Nataraja & **K Arjun**, “A comparative study on the analysis and design of base plate by different approaches”, International Conference ICRAES 2014.

- M. C. Nataraja & **K Arjun**, “Analysis and design of column base plate as per IS 800-2007 – A critical review”, International Conference-ICCTEM-2014.
- **K Arjun**, Shubhalakshmi.B.S, “Behavior under Axial load for Concrete filled steel tubes”, proceedings of the 2nd International Conference on Applied Science, Engineering and Technology (ICASSET-16) held during 18th -19th October 2016

National Conferences:

- **K. Arjun**, “Eco-House- A Sustainable Development”, National Conference on Make in India Eco-System towards – Indian Ethos, Sustainability and Inclusive Growth 2016.
- **K Arjun** et al., “Comparison of lapping strip method with the BIS method of Design”, National Conference on Convergence of Science, Technology and Management-NCCSTM-2016. **“Awarded as the Best Paper”**
- Rahul M, **K Arjun**, Shubhalakshmi.B.S “Flexural study on simply supported reinforced concrete two-way slab with partial replacement of GGBS”, National Conference on Recent advances in Sustainable Materials (RASM-17), held at School of Engineering & Technology, Jain University, Bengaluru on 25th March 2017
- B E Gururaja, Dr.C.Sadashivaiah, **K Arjun**, Shubhalakshmi.B.S “Seismic Behavior of RC Frame Building with Shear Wall as Lateral Load Resisting System”, 5th National Conference on Futuristic Technology in Civil Engineering for Sustainable Development, held at SJB Institute of Technology, Bengaluru, on 10th May, 2017.

Personal Attributes:

- Confident and consistent in producing result.
- Ability to work in teams or as an individual.
- Good Analytical and communicative skills.
- Having good planning and problem solving skills.

Personal Attributes:

Name : K. Arjun
 Father’s Name : K. Venkateshwar Rao
 Mother’s Name : K Kamala Rao
 Languages : Kannada, Telugu, Hindi, Tamil and English
 Date of Birth : 29 Oct 1990
 Personal status : Male | Married | Indian