


1	Name of Faculty	A.Balaji Rao		
2	Designation	Associate Professor		
3	Nature of Job/Appointment	Contract		
4	Date of Joining	03-08-1990		
5	E-mail	balajirao_civil@cbit.ac.in		
6	Education Qualifications	Name of the Degree	Class	
	Ph. D	Doctor of Philosophy	awarded	
	PG	M. Tech. (Marine Structures).	First	
	UG	B. E. (Civil Engineering)	First	
7	Work Experience			
	Teaching	35 years		
	Research	23 years		
	Industry	--		
	Others			
8	Area of Specialization	Structural Engineering		
9	Professional Memberships	Member, ISTE		
10	Responsibilities held at Institution Level	<ol style="list-style-type: none"> 1. Worked as Project Engineer during 1998 to 2001 2. Currently Chairman, Institute maintenance Committee 3. Member, Structural Design and Project Management Committee 		
11	Responsibilities held at Department Level	<ol style="list-style-type: none"> 1. Coordinator for the consultancy for evaluating the structural stability tower mounted buildings worth about Twenty five lakhs rupees 2. Member, Board of Studies, 3. Member, Course Expert Group 		
12	Research Guidance	--		
13	Awards Received	--		
14	Courses Handled at Under Graduate / Post Graduate Level.	<p>UG level- Strength of Materials (I&II), Theory of Structures, Design of R.C.Structures (I&II), Design of Steel structures –(I & II), Matrix methods and computer applications, Structural Analysis, Finite Element methods, Engineering Mechanics, C and C++, Soil Mechanics</p> <p>PG level – Structural Dynamics, Finite Element Methods, Theory of Elasticity, Structural Analysis, Advanced R.C.Design, Advanced Steel Design, Bridge Engineering, Tall Buildings, Structural optimization</p>		
15	No. of Papers Published	National Journals – 0	International Journals – 02	
		National Conference – 05	International Conference – 01	
16	Projects Carried out			
17	Patents	--		
18	Technology Transfer	--		
19	Invited Speaker	<ol style="list-style-type: none"> 1. Resource person for two sessions for 2 week AICTE sponsored FDP " Seismic and wind loads on Buildings and applications of ETABS and ANSYS Fluent" during 14-12-2020 to 26-12-2020 2. Resource person for the training programme on "Design Analysis of Concrete Gravity Dams Including Software 		

		Applications" 7th October, 2019 conducted by Engineering Staff College of India (ESCI), Hyderabad
		3. Resource person for about ten sessions in One week Finishing School for graduate students conducted by CBIT during 3 rd to 8 th September 2019
		4. Resource person for the training programme on "Design and Analysis of Concrete Gravity Dams" 6h, August, 2018 conducted by ESCI
		5. Resource person for the FDP on STAAD Pro V8i and ETABS conducted by Srinidhi Institute of Technology , Hyderabad on 6-11-2017
		6. Resource person for two sessions "Analysis and Design of High Rise Structures" during May 4-16, 2015 at MGIT, Gandipet, Hyderabad.
		7. One day work shop in CBIT
		8. Delivered lectures in 3 day workshop "Applications of STAAD & ETABS" at CBIT, Hyderabad during 27-29 March 2014.
20	No. of Books/Chapter Published with details	Nil
		9. As Coordinator , conducted 2 week AICTE sponsored FDP " Seismic and wind loads on Buildings and applications of ETABS and ANSYS Fluent" during 14-12-2020 to 26-12-2020
		10. One week Finishing School for graduate students conducted by CBIT during 3 rd to 8 th September 2019
		11. Conducted 2 day workshop on ANSYS on 2 nd and 3 rd , May 2019
		12. Co ordinator for 3 day workshop "Applications of STAAD & ETABS" at CBIT, Hyderabad during 27-29 March 2014.
		13. Attended One day workshop on Dynamic Testing and Simulation of Civil Structures BITS Pilani, Hyderabad, held on 8th Oct 2018.
		14. Attended three day National Workshop on Computational Fluid Dynamics during 11 th August-13 th August 2016
		15. Attended Two day international symposium on "Wind Engineering and Wind Energy conducted by BITS Pilani , Hyderabad on 28 th Jan 2016
		16. A One Week Faculty Development Program on "Management Capacity Enhancement Program for Administrators", at IIM, Kozhikode 23 rd to 29 th November 2015
21	Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops.Other Trainings (Attended and/or Organized).	17. Attended one day workshop on structural dynamics: theory, experiments and applications. smart structures, structural health monitoring, advanced sensing technologies, & energy harvesting @ IIT Delhi, on 22nd march, 2014
		18. Participated in the workshop on IS 800-2007 Indian standard General construction in steel – Code of practice organized by BIS & INSDAG During 27 th – 28 th August 2008
		19. Attended short-term course on "Structural dynamics in earthquake engineering"conducted by by I I Sc , during March 8-13, 2004.
		20. Attended short course on "Seismic Design and Retrofitting of Reinforced Concrete Buildings" held at Ahmedabad during 17-21 December 2001
		21. Attended one week National training programme "Structural Steel design for university faculty" at IITM, Chennai from 13 th to 8 th November 2000
		22. Attended symposium on "Recent Advances in Concrete Structures" held at N.I.E,Mysore on1st and 2 nd August,1996
22	Details of Journal Publications/ Conferences (National and International)	1.Effect of Plan Shape on the Wind Pressures Onbuildings- A CFD Approach, By A. Balaji Rao, M. Durga Abhishek

International Journal of Emerging Technology and advanced
Engineering
2.Variations of Ambient Conditions Affecting Thermal Gradients in
Concrete Bridges by Ravande Kishore, A. Balaji Rao International
Journal of Emerging Technology and advanced Engineering

