


Name of Faculty	A.Balaji Rao		
Designation	Associate Professor		
Nature of Job/Appointment	Regular		
Date of Joining	03-08-1990		
E-mail	balajirao_civil@cbit.ac.in		
Education Qualifications	Name of the Degree	Class	
	Ph. D	Doctor of Philosophy	pursuing
	PG	M. Tech. (Marine Structures).	First
	UG	B. E. (Civil Engineering)	First
Work Experience			
	Teaching	31 years	
	Research	21 years	
	Industry	--	
	Others		
Area of Specialization	Structural Engineering		
Professional Memberships	Member, ISTE		
Responsibilities held at Institution Level	<ol style="list-style-type: none"> <li>1. Worked as Project Engineer during 1998 to 2001</li> <li>2. Currently Chairman, Institute Maintenance Committee</li> </ol>		
Responsibilities held at Department Level	<ol style="list-style-type: none"> <li>1. Coordinator for the consultancy for evaluating the structural stability tower mounted buildings worth about Twenty five lakhs rupees</li> <li>2. Programme coordinator, PG programme</li> <li>3. Convenor, PAQIC,</li> <li>4. Member, Board of Studies,</li> <li>5. BOS Coordinator</li> <li>6. Member, Course Expert Group</li> </ol>		
Research Guidance	--		
Awards Received	--		
Courses Handled at Under Graduate / Post Graduate Level.	<p>UG level- Strength of Materials (I&amp;II), Theory of Structures, Design of R.C.Structures (I&amp;II), Design of Steel structures –(I &amp; II), Matrix methods and computer applications, Structural Analysis, Finite Element methods, Engineering Mechanics, C and C++, Soil Mechanics</p> <p>PG level – Structural Dynamics, Theory of Elasticity, Structural Analysis, Advanced R.C.Design, Advanced Steel Design, Bridge Engineering, Tall Buildings, Structural optimization</p>		
No. of Papers Published	National Journals – 0	International Journals – 02	
	National Conference – 05	International Conference – 02	
Projects Carried out			
Patents	--		
Technology Transfer	--		
Invited Speaker	<ol style="list-style-type: none"> <li>1. Resource person for 2 sessions for the 2 week FDP “Seismic and Wind loads on Buildings and applications of ETABS and ANSYS Fluent” during 14-12-2020 to 26-12-2020 conducted by CED, CBIT</li> <li>2. Resource person for the training programme on “Design</li> </ol>		

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<sup>rd</sup> to 8<sup>th</sup> 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.

No. of Books/Chapter Published with details

Nil

1. 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
2. Conducted One week Finishing School for graduate students conducted by CBIT during 3<sup>rd</sup> to 8<sup>th</sup> September 2019
3. Conducted 2 day workshop on ANSYS on 2<sup>nd</sup> and 3<sup>rd</sup>, May 2019
4. Co ordinator for 3 day workshop "Applications of STAAD & ETABS" at CBIT, Hyderabad during 27-29 March 2014.
5. Attended One day workshop on Dynamic Testing and Simulation of Civil Structures BITS Pilani, Hyderabad, held on 8th Oct 2018.
6. Attended three day National Workshop on Computational Fluid Dynamics during 11<sup>th</sup> August-13<sup>th</sup> August 2016
7. Attended Two day international symposium on "Wind Engineering and Wind Energy conducted by BITS Pilani, Hyderabad on 28<sup>th</sup> Jan 2016
8. A One Week Faculty Development Program on "Management Capacity Enhancement Program for Administrators", at IIM, Kozhikode 23<sup>rd</sup> to 29<sup>th</sup> November 2015
9. 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

Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops.Other Trainings (Attended and/or Organized).

10. Participated in the workshop on IS 800-2007 Indian standard General construction in steel – Code of practice organized by BIS & INSDAG During 27<sup>th</sup> – 28<sup>th</sup> August 2008
11. Attended short-term course on "Structural dynamics in earthquake engineering" conducted by I I Sc, during March 8-13, 2004.
12. Attended short course on "Seismic Design and Retrofitting of Reinforced Concrete Buildings" held at Ahmedabad during 17-21 December 2001
13. Attended one week National training programme "Structural Steel design for university faculty" at IITM, Chennai from 13<sup>th</sup> to 8<sup>th</sup> November 2000
14. Attended symposium on "Recent Advances in Concrete Structures" held at N.I.E, Mysore on 1st and 2<sup>nd</sup> August, 1996

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