

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	32 years
Research	21 years
Industry	—
Others	—

Area of Specialization Structural Engineering

Professional Memberships Member, ISTE

Responsibilities held at Institution Level

1. Worked as Project Engineer during 1998 to 2001
2. Currently Chairman, Institute Maintenance Committee

Responsibilities held at Department Level

1. Coordinator for the consultancy for evaluating the structural stability tower mounted buildings worth about Twenty five lakhs rupees
2. Programme coordinator, PG programme
3. Convenor, PAQIC,
4. Member, Board of Studies,
5. BOS Coordinator
6. Member, Course Expert Group

Research Guidance --

Awards Received --

Courses Handled at Under Graduate / Post Graduate Level.

1979

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

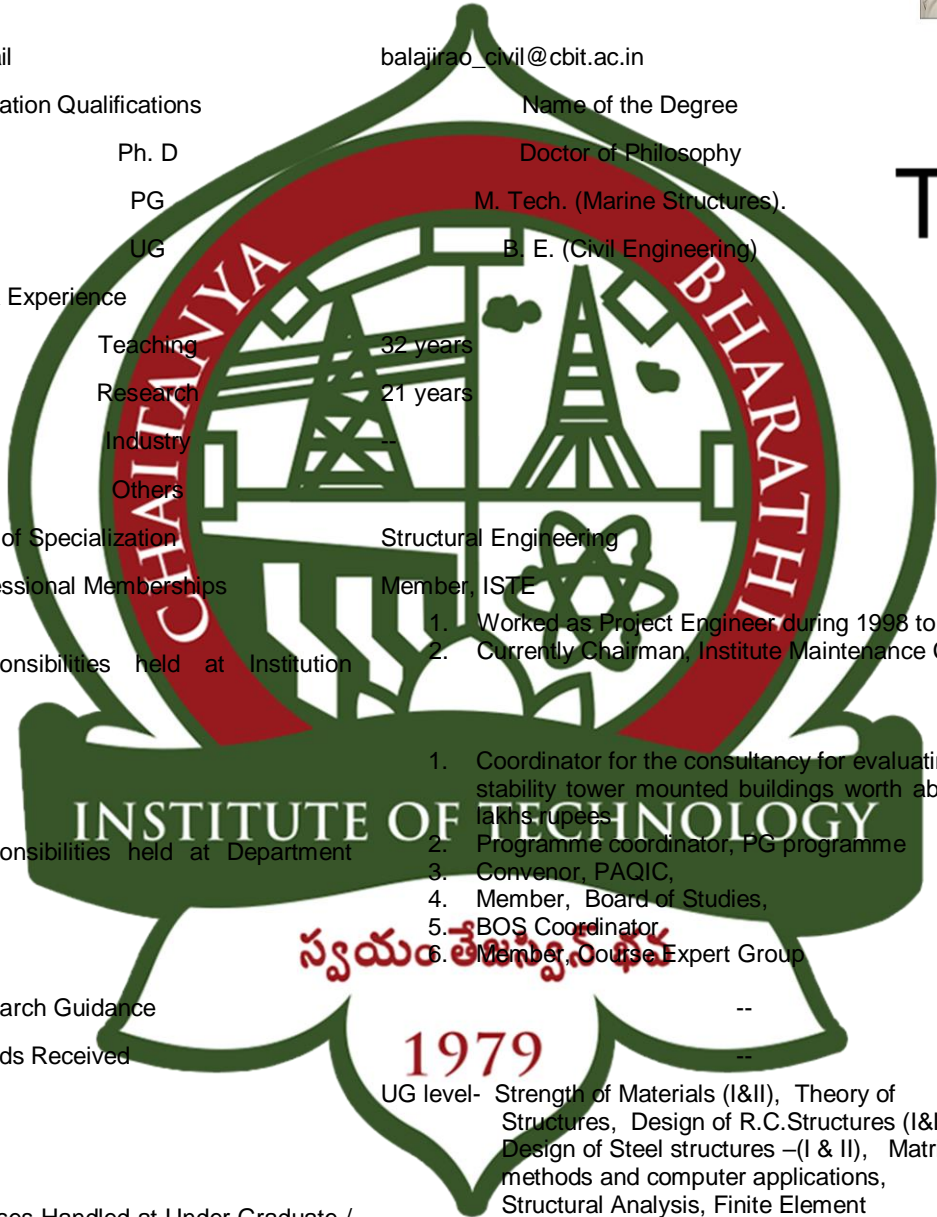
PG level – Structural Dynamics, Theory of Elasticity, Structural Analysis, Advanced R.C.Design, Advanced Steel Design, Bridge Engineering, Tall Buildings, Structural optimization

No. of Papers Published	National Journals – 0	International Journals – 02
	National Conference – 05	International Conference – 02

Projects Carried out

Patents --

Technology Transfer --



Invited Speaker

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
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 3rd to 8th 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

No.

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 3rd to 8th September 2019
3. Conducted 2 day workshop on ANSYS on 2nd and 3rd, 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 11th August-13th August 2016
7. Attended Two day international symposium on "Wind Engineering and Wind Energy conducted by BITS Pilani, Hyderabad on 28th Jan 2016

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

1

8. A One Week Faculty Development Program on "Management Capacity Enhancement Program for Administrators", at IIM, Kozhikode 23rd to 29th 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
10. Participated in the workshop on IS 800-2007 Indian standard General construction in steel – Code of practice organized by BIS & INSDAG During 27th – 28th August 2008
11. Attended short-term course on "Structural dynamics in earthquake engineering" conducted by 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 13th to 8th November 2000
14. Attended symposium on "Recent Advances in Concrete Structures" held at N.I.E, Mysore on 1st and 2nd August, 1996

Details of Journal Publications/
Conferences (National and
International)

1.Effect of Plan Shape on the Wind Pressures On buildings- 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



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