

Curriculum Vitae (CV)

Name	:	Chidananda G
Designation	:	Associate Professor
Official Address	:	Department of Civil Engineering Bapuji Institute of Engineering and Technology Davangere – 577 004, Karnataka
Permanent Address	:	Chidananda G #1046, 9 th Cross Taralabalu Extension Davangere – 577 005 Karnataka
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VIDWAN ID	:	182315

Academic Records

1. Ph.D.

Year of Award	:	09 – 01 – 2018
Discipline	:	Civil Engineering
Specialization	:	Fracture Mechanics of Concrete
Title of the Thesis	:	Evaluation of Shear Strength of Longitudinally Reinforced Concrete Beams using Fracture Mechanics Approach
Guide	:	Dr. S Raviraj Professor of Civil Engineering
Research Centre	:	Department of Civil Engineering Sri Jayachamarajendra College of Engineering Mysuru – 570 006, Karnataka
University	:	Visvesvaraya Technological University, Belagavi, Karnataka

2. M. Tech.

Duration	:	2007 – 2009
Discipline	:	Civil Engineering
Specialization	:	Industrial Structures
Institution	:	Sri Jayachamarajendra College of Engineering Mysuru – 570 006, Karnataka
University	:	Visvesvaraya Technological University, Belagavi, Karnataka
Percentage	:	86.2 % Secured First rank and obtained one gold medal
Title of the project work	:	Study on Influence of Bond in Reinforced Concrete Beams using Fracture Mechanics Approach

3. B. E.

Duration	:	2003 – 2007
Discipline	:	Civil Engineering
Institution	:	Bapuji Institute of Engineering and Technology Davangere – 577 005, Karnataka
University	:	Visvesvaraya Technological University, Belagavi, Karnataka
Percentage	:	86.83 % Secured First rank and obtained seven gold medals
Title of the project work	:	Study on Strength Behaviour of Different Grades of Cement

Competitive Examinations Record

1. Secured All India Rank : 731 Rank in GATE in 2007.
2. Shortlisted for National Thermal Power Corporation (NPTC) Limited.

Professional Experience

Designation	From	To	College
Lecturer	01 – 09 – 2009	31 – 08 – 2012	Dept. of Civil Engg., BIET
Assistant Professor	01 – 09 – 2012	31 – 07 – 2019	Dept. of Civil Engg., BIET
Associate Professor	01 – 07 – 2019	Till today	Dept. of Civil Engg., BIET

Software Known

1. AUTO CAD
2. STAAD Pro.
3. ATENA
4. Origin Pro.
5. C and C++

Workshops / FDPs Attended

1. Attended continuing education programme on “Fracture Mechanics of Concrete and Applications”, organized by Department of Civil Engineering, IIT – Madras from 12th to 18th July 2011.
2. Attended two days workshop on “Research Methodologies and Latex”, organized by VTU e-learning centre, Mysuru at Vidyavardaka College of Engineering, Mysuru on 21st and 22nd November 2011.
3. Attended one day national workshop on “Recent Advances in Geotechnics for Infrastrucutre RAGI – 2014” at Department of Civil Engineering, Sri Jayachamarajendra College of Engineering, Mysuru on 15th March 2014.

4. Attended one day FDP on “Alternative Building Materials in Construction” at Department of Civil Engineering, Channabasaveshwara Institute of Technology, Gubbi, Karnataka on 23rd July 2018.
5. Attended two days national conference on “National Conference on Emerging Trends in Engineering Research and Management (NCETERM) – Delta” on 26th and 27th October 2018 at GMIT, Davangere as “Session Chair and Jury”.
6. Attended three days FDP Programme on “Recent Trends in Environmental Impact Assessment – Process & Procedures at Department of Civil Engineering, BIET, Davangere from 17th to 19th January 2019.
7. Attended three days FDP on “Total Station and E-Surveying” at Department of Civil Engineering, GMIT, Davangere from 2nd to 4th of April 2019.
8. Attended five days FDP on “Implementation of Outcome Based Education in Higher Educational Institutions” at SIT, Tumkur from 8th to 12th of July 2019.
9. Attended three days National Seminar on “Construction and Demolition Waste Management (Eco–Construction) and Exhibition : URBANACE–2019” organized by ACCE (I)–Davangere Centre at BIET, Davangere from 8th to 10th of August 2019.

Membership to Institutions / Professional Bodies

1. Member of Indian Society for Technical Education (ISTE) with Membership No. LM 70931.
2. Member of Institute for Research Development and Training of Construction Trades and Management (INSTRUCT) with Membership No. LM 452.
3. Member of The Institution of Engineers (India) with Membership No. M–165350–9.
4. Member of Association of Consulting Civil Engineers (India) [ACCE (I)] with Membership No. 5099–L.

List of Articles Published in Journals / Conferences

1. Chidananda G and Raviraj S (2016), “Prediction of Shear Strength of Slender RC Beams without Shear Reinforcement by Standard Codes of Practice”, International Research Journal of Engineering and Technology (IRJET), Vol. 3, No. 4, pp. 1844–1854.
2. Chidananda G and Raviraj S (2016), “Prediction of Shear Strength of Slender RC Beams without Shear Reinforcement”, International Journal of Research in Engineering and Technology (IJRET), Vol. 5, No. 4, pp. 82–88.
3. Chidananda G and Raviraj S (2016), “Evaluation of Shear Strength of Slender RC Beams without Shear Reinforcement”, Proceedings of Second International Conference on Recent

Advances in Engineering Sciences at M.S. Ramaiah Institute of Technology, Bengaluru, Karnataka.

4. Hiremath S B, Raghu M E and Chidananda G (2018), “Effect of Setback Ratio on Seismic Performance of RC Structures”, International Research Journal of Engineering and Technology (IRJET), Vol. 5, No. 7, pp. 157–164.
5. Navyashree N , Chidananda G and Shiva Kumar M N (2018), “Seismic and Wind Analyses of RC Tall Structures with Shear Walls And Bracings”, International Research Journal of Engineering and Technology (IRJET), Vol. 5, No. 7, pp. 1031–1041.
6. Neema B R, Shreyas S C and Chidananda G (2018), “Effect of Connection Rigidity on Seismic Performance of Multistoreyed Steel Frames”, International Research Journal of Engineering and Technology (IRJET), Vol. 5, No. 7, pp. 1125–1134.
7. Sushma B M and Chidananda G (2019), “A Comparative Study on Performance of Tall Structural Systems for Seismic and Wind Loads”, International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES), Vol. 5, No. 7, pp. 46 – 53.
8. Ahkilesh B M, Chidananda G and Raghu M E (2019), “A Comparative Study on Performance of Conventional and Pre–Engineered Steel Frames”, International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES), Vol. 5, No. 7, pp. 62–71.
9. Haseebulla M M and Chidananda G (2019), “An Experimental Study on Strength and Durability Characteristics of Concrete Made of Glass Powder”, International Research Journal of Engineering and Technology (IRJET), Vol. 6, No. 7, pp. 2349–2354.
10. Harish R Olekar and Chidananda G (2020), “A Study on Effect of Aspect Ratio on RC Frames Subjected to Seismic and Wind Loads”, International Research Journal of Engineering and Technology (IRJET), Vol. 7, No. 8, pp. 1859–1867.
11. Salim R and Chidananda G (2020), “A Comparative Study on Seismic Performance of Conventional and Monolithic RC Structures”, International Research Journal of Engineering and Technology (IRJET), Vol. 7, No. 8, pp. 1878–1884.

MOOCS Courses Taken

1. Completed Eight week SWAYAM course offered by NPTEL from August to October 2019 on “Accreditation and Outcome Based Learning” with an “Elite + Gold” certificate.
2. Completed Sixteen week ARPIT course on “Pedagogical Innovations and Research Methodology” offered by SWAYAM from October 2019 to January 2020 with “A” grade.
3. Completed Four week SWAYAM course offered by NPTEL from September to October 2020 on “Reinforced Concrete Road Bridges” with an “Elite + Gold” certificate.

4. Completed Eight week SWAYAM course offered by NITTTR, Chennai from September to November 2020 on “Integrating Educational Technology into Teaching” with a consolidated score of 80%.
5. Completed Twelve week SWAYAM course offered by NPTEL from January to April 2021 on “Maintenance and Repair of Concrete Structures” with an “Elite + Silver” certificate.

Online FDP/STTP Attended

1. Attended Two days national web conference on “Creating Infrastructure digital Twin and digital construction Technology” organized by CADD Centre and Bentley Institute on 29th and 30th of April 2020.
2. Attended Three days online FDP on “Current Research Avenues in Civil Engineering” organized by Tontadarya College of Engineering, Gadag from 29th to 31st of May 2020.
3. Attended One week online FDP on “NBA and NAAC Accreditation Process” organized by MSRIT, Bengaluru from 4th to 8th of June 2020.
4. Attended One week online FDP on “Structural Health Monitoring and its Implications” organized by BMSCE, Bengaluru from 15th to 19th of June 2020.
5. Attended 5 days online short term course on “Machine Learning an its Application to Civil Engineering (MLACE 2020) organized by Department of Civil Engineering, NIT–Srinagar from 2nd to 6th of November 2020.
6. Attended two days international webinar on “Forensic Engineering & Underground Urban Rail Infrastructure” organized by Department of Civil Engineering, JIT, Davangere on 27th and 28th of November 2020.
7. Attended FDP on “Virtual Labs for Affiliated Engineering Colleges under VTU Belagavi organized by VTU in association with NIT Surathkal on 19th October 2020.
8. Completed the AICTE-ISTE approved Orientation/Refresher Programme on “Accreditation: An Accelerator for Quality Improvement in Engineering Education” held during 7.12.2020 to 12.12.2020 organized by SDM College of Engineering and Technology, Dharwad, Karnataka.

Funded Projects Executed

1. Year 2020

USN	Name of the Student (UG)	Project Title	Sponsoring Agency	Amount Sanctioned (in Rs.)
4BD16CV123	Yashwanth P V	Performance Characteristics of Concrete with Alccofine – An Experimental Study	VTU	5,000
4BD16CV125	Achyut A V			
4BD16CV127	Jyoti Kotaragasti			
4BD17CV429	Siddarama K V			

2. Year 2021

USN	Name of the Student (UG)	Project Title	Sponsoring Agency	Amount Sanctioned (in Rs.)
4BD17CV074	Rakesh A C	Mechanical And Durability Characteristics Of Eco-Friendly Fly Ash Bricks – An Experimental Study	KSCST	5,500
4BD17CV094	Shreenidhi S V			
4BD17CV120	Monica R S			
4BD18CV426	Srikanth Gowda Patil S			
4BD14CV077	Prabhudeva N J	Effect of Curing Methods on Strength and Durability Properties of M30 Grade Concrete	BIET	5,000
4BD15CV098	Sharath M			
4BD16CV062	Nikhitha S S			
4BD17CV410	Irshad Ahmed Bhavikatti			

3. R & D Projects

Project Title	Sponsoring Agency	Amount (in Rs.)	Year	Remarks
Applications of Industrial By-products for the Development of Eco-friendly Sustainable Concretes	NAIN, Govt. of Karnataka	2,05,000	2019-2020	Project selected for funding
Durability Evaluation of Structural Concrete for Sustainable Development	VTU under RPS	25,00,000	2021	Proposal submitted

FDP / STTP / Conference / Workshop Organized

Organized 3 days webinar on “Concepts and Practices in Civil Engineering” from 07.06.2021 to 09.06.2021