

RESUME
(updated on 20.02.2025)



Name : Dr. Subhash C. Yaragal

Date of birth : 20th June 1965

Present official address : Dr. Subhash C. Yaragal
Professor (HAG) and Deputy Director
Former Member (Board of Governors)
Former Dean (Planning and Development)
Former Head (Department of Civil Engg.)
National Institute of Technology
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Field of Specialization Eco-friendly Concretes, Pipe Line Engg
Performance of Concrete at Elevated
Temperatures

Academic Qualifications

Exam passed	School/University	Year	Class / Area
B.E. (Civil)	NITK, Mangalore	June 1987	First Class with Distinction
M.E	Indian Institute of Science, Bangalore	Jan. 1989	First Class
Ph. D	Indian Institute of Science, Bangalore	Jan. 1998	Wind Tunnel Studies
Post Doctoral Work	Tokyo Polytechnic University, Japan	Nov. 2003 to March 2005	Wind Hazard Mitigation

Summary of Publications

- Scopus: <https://www.scopus.com/authid/detail.uri?authorId=6507575110>
- Google Scholar ID: <https://scholar.google.co.in/citations?user=JhTHvrYAAAAJ&hl=en>
- Research Gate: <https://www.researchgate.net/profile/Subhash-Yaragal/research>

Sl. No.	Int. Journals	National Journals	Int. Conferences	National Conferences	Research Bulletin	Total
1	81	19	106	46	14	266

Important Publications

1. **Subhash C. Yaragal**, Harshkumar V. Annigeri, Nitish Krishna K M, Chandrashekar Allikatti, Gopika Dinesh and M H Prashanth., “Influence of curing regimes and duration on the early strength development of fibers based reactive powder concretes”, Journal of building Engineering, In Press. February (2025).
2. Asha Uday Rao, Prathibha P. Shetty, Radhika Bhandary, Aditya Tantri, Blesson S. and **Subhash C. Yaragal**., “Assessment of fly ash and ceramic powder incorporated concrete with steam-treated recycled concrete aggregates prioritising nano-silica”, Journal of Emerging Materials, 7 (2), pp. 443-472 (2024).
3. Kulkarni, K.S., Babu Narayan, K.S. & **Yaragal, S.C.** Decision Tree Model for Predicting Exposure Temperature and Retention Period-Dependent Behavior of Blended Concrete. Iranian Journal of Science and Technology – Transactions of Civil Engineering, 47 (6), pp. 3277-3289 J Sci Technol Trans Civ Eng 47, 3277–3289 (2023).
4. Basavana Gowda S N, **Subhash C. Yaragal**, Rajasekaran C and Sharan Kumar Goudar., “Performance and microstructural investigations of processed lateritic fine aggregates in blended cement mortars exposed to elevated temperatures”, Journal of Structural Fire Engineering, 14 (4), pp. 547-574 (2023).
5. Parameshwar Hiremath and **Subhash C. Yaragal**., “Performance of Polypropylene and Polyester fibres-reinforced reactive powder concretes at Elevated Temperatures”, Construction and Building Materials, 373, art. No. 130862 (2023).
6. Rakesh Kumar Reddy R., and **Subhash C. Yaragal**., “A novel approach for optimizing the processing of recycled coarse aggregates”, Construction and Building Materials, 368, art. No. 130480 (2023).
7. Rakesh Kumar Reddy R., **Subhash C. Yaragal**, and Anil Sagar S., “One-part eco-friendly alkali-activated concrete – An innovative sustainable alternative”, Construction and Building Materials, 408, art. No. 133741 (2023).
8. **Subhash Yaragal**, Chethan Kumar B. and Manoj Uddavolu Abhinav, “Numerical and experimental studies on sustainable alkali activated concretes at elevated temperatures”, Journal of Structural Fire Engineering, 14 (4), pp. 425-440 (2023).
9. R. Rakesh Kumar Reddy, **Subhash C. Yaragal**, and V. K. Sanjay “Processing of laboratory concrete demolition waste using ball mill”, Materials Today Proceedings, <https://doi.org/10.1016/j.matpr.2023.03.193> (2023).
10. Anil Sagar Srinivasa, **Subhash C. Yaragal**, K Swaminathan, and R Rakesh Kumar Reddy., “Multi-objective optimization of one-part geopolymer mortars adopting response surface method”, Journal of Construction and Building Materials 409, art. No. 133772 (2023).

Prizes and Awards

Sl. No.	Name of Prize/Award	Awarded by	Awarded for	Year of award
1	Champion of Civil Engineering	Association of Infrastructure Industry (India) and J K Cements	Exemplary work towards the betterment of construction in India	2022
2	Completed the prestigious MoE program, Leadership for Academicians Program (LEAP 2020)	Indian Institute of Technology Kanpur, Ministry of Education, New Delhi	Undergoing the programme.	2020
3	Award for Research Publication	Vision Group, Government of Karnataka, Department of IT, BT and Science & Technology	Best Research Publication during 2017-18	2018
4	Eminent Engineer Award	Association of Consulting Civil Engineers, Mangalore & Ramco Cements, Limited.	For achieving excellence in professional field and contribution to Civil Engineering fraternity.	2016
5	Prof. Satish Dhawan State Award for Young Engineers	Government of Karnataka, Department of IT, BT and Science & Tech.	Outstanding contributions in Engineering Science	2013
6	Felicitated on Engineer's day	M/s. KIOCL Mangalore	Innovative design approach	2012
7	Best paper presentation	CAFET-INNOVA Technical Society, Hyderabad	For best paper presentation, during International Conference on Earth Sciences and Engineering	2010
8	The Union Ministry of Water Resources	The Institution of Engineers (India)	For best paper published during 2007-2008.	2008
9	Best paper award	Indian Society for Wind Engineering	Best paper published during (2001 & 2002)	2004
10	Best paper award	National conf., BHU, Varanasi	Best paper presented	2001
11	Best NCC Cadet	Officer Commandant	Excellence in several tests for overall performance	1986

International Conferences Attended (Abroad)

Sl. No.	Event	Place	Period	Role
1	7th International Colloquium on Performance, Protection and Strengthening of Structures Under Extreme Loading and Events, PROTECT 2019.	Whistler, BC, Canada	September 16-17 th 2019.	Presented a technical paper.
2	5th International Workshop on “Performance, Protection and Strengthening of Structures under Extreme Loading” .	Michigan State University, East Lansing, USA	28-30th June, 2015	Presented three technical papers and chaired a technical session
3	International conference on “Structures in Fire”, SiF-2014	Shanghi, China,	11-13th June 2014	Presented a technical paper.
4	International Engineering Symposium	Kumamoto University, Japan	March 3-5, 2011	Presented two technical papers
5	International Conference on advances in concrete technology	University of Dundee, Scotland, UK	10th July 2010	Presented paper
6	12th International Conference on Wind Engineering,	Cairns, Australia	2-6th July 2007	Presented paper
7	Fourth International Symposium on Computational Wind Engineering (CWE 2006)	Pacifico Yokohama, Japan	July 16-19, 2006	Presented paper
8	Fourth European and African Conference on Wind Engineering (EACWE 4)	Prague	11- 15 July, 2005	Presented paper
9	Tenth America’s Conference on Wind Engineering	Baton Rouge, Louisiana, USA	May-June 2005	Presented paper
10	International workshop on Regional Harmonization of Wind Loading and Wind Environmental Specifications in Asia-Pacific Economies (APEC-WW)	Tokyo Polytechnic University, Atsugi, Japan.	19-20th November 2004	Attended workshop

Invited Technical Assignments / Responsibilities

1. Invited as BoG Nominee for faculty selection at NIT Goa, 31st July 2024.
2. Invited as Chief Guest for Annual Convocation at PSNA College of Engineering, Dindigul TN, Jan 29, 2025
3. Chaired more than **twenty five** technical sessions during International and National Conferences.
4. Served as a nominee of VTU Belagavi to the “IQAC Member” of PDACE, Kalaburagi (Autonomous), from 31st Jan 2022 to 30th Jan 2025
5. External expert member for Faculty selection committee **(i)** MAHE Manipal 12th August 2022, **(ii)** KLE Technological University, Hubballi 11th February 2022, **(iii)** Dr. M. S. Sheshgiri College of Engineering and Technology, Belgaum 21st and 22nd September 2021 and **(iv)** KLE Technological University, Hubballi 13th and 14th September 2021 and **(v)** External expert member for Principal Selection Committee Don Bosco College of Engineering, Goa, on 20th June 2017.
6. VTU Nomination to the Board of Studies in Civil Engineering of SDM College of Engineering and Technology, Dharwad.
7. Member of Advisory, Organising and Technical committees of several International and National Conferences and workshops.
8. Involved in Academic auditing of SDM Dharwad, SIT Tumkur, NIE Mysore.
9. Delivered more than 75 invited technical talks.
10. Served as Academic Council Member of MSNM Besant Institute of PG (MBA), Mangalore.

Sponsored R & D Projects

Sl. No	Title of Project	Funding Agency	Financial Outlay	Year of start & period	Status
1	Studies on characteristics of turbulence and dispersion of pollutants – mitigative measures, using wind tunnel facility.	Ministry of HRD, GOI.	Rs, 15,00,000	2001 Two years	Completed
2	Evaluation of concrete and structural elements under fire loads.	BRNS	Rs.20,55,750	2007 Three Years	Completed
3	Feasibility studies on the application of wind tunnel for the study of flow characteristics over hill.	BRNS	Rs.18,68,000	2007 Three Years	Completed
4	Uncertainty and sensitivity analysis of the pushover method for RC framed structures with brick infill walls	BRNS	Rs.19,75,400	2009 Three Years	Completed

Book Review

A text book on Open Channel Hydraulics, Published by Tata McGraw-Hill was reviewed during the recent new edition.

Editorial

Editorial Board member for International Journal of Structural Fire Engineering, UK, Inderscience Publishing, from 2010.

Editorial Board member for American Journal of Civil Engineering and Architecture, Science and Education Publishing, from 2014.

Editorial Board member for International Journal of Forensic Engineering, UK., Inderscience Publishing, from 2016.

Details of Students Guidance

Ph D – **Nine** awarded, **three** on going.

M.Tech – 73 Students.

B. Tech – 44 Batches.

Books authored

Shelter effect of porous wind fences – 2011-72 Pages, by Prashanth J, Pruthviraj U and **Subhash C. Yaragal**, Google book, ISBN 3846540455, 9783846540459.

Manual for Deconstruction Towards Recovery and Utilization of Construction and Demolition Waste - Published by giZ on behalf of Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety of the Federal Republic of Germany, May 2017.

Administrative positions

1. Deputy Director from 01-08-2024 to date.
2. Member, Board of Governors NITK from 10-11-2020 to 09-11-2022.
3. Dean (Planning & Development) from 1st August 2018 to 31st July 2021.
4. Head, Department of Civil Engineering from 22-04-2023 to 31-07-2024.
5. Coordinator Centre for Disaster Risk Reduction from June 2016 to May 2018.
6. Associate Dean (Academic) from January 2011 to May 2014.
7. Center in charge for the Central Seat Allocation Board – 2013 (CSAB-2013)
8. Coordinated 2012 curriculum revision workshop.
9. Coordinated Annual Convocations, 8th, 9th, 10th and 11th as Event Manager.
10. Coordinated for completing online NBA documents for all nine UG programmes.
11. Senate Member since 2011 to date.
12. Involved in various capacities for success of DASA – Member of DASA implementation committee, Publicity committee and Applications Scrutiny committee, for 2011 to 2014 admissions.
13. Doctoral Thesis Assessment Committee Member for several NITK students.
14. Maintenance warden of NITK hostels for two years [2000-2002].
15. Faculty In-charge of Water Supply and Systems for five years [2005-2010].
16. Member of various committees constituted by The Director / H.O.D during visits of expert committee members from NBA, AICTE, MHRD etc the institute from time to time.
17. Nine member committee constituted for drafting the Vision and Mission statement for the Institute.
18. Member of Institute Master Plan Committee.

Membership of professional bodies

1. Fellow Institution of Engineers India
2. Life Member, Association of Structural Rehabilitation
3. Life Member, Construction Materials and Technologies
4. Life Member, Indian Society for Technical Education
5. Life Member, Indian Society for Wind Engineering
6. Life Member, Association of Consulting Civil Engineering
7. Life Member, International Society for Hydraulic Research.

Countries visited

Sl. No.	Country visited	Purpose	Year and Place
1	Canada	To present a technical paper during, the 7th International Colloquium on Performance, Protection and Strengthening of Structures Under Extreme Loading and Events, PROTECT 2019.	Sept. 16-17 th 2019 Whistler, BC, Canada
2	USA	To chair a technical session and to present three technical papers during the 5th International Workshop on "Performance, Protection and Strengthening of Structures under Extreme Loading".	28-30 th June 2015, East Lansing, Michigan State Uni.
3	China	To present a technical paper in the International Conference on "Structures in Fire"	9-15th June 2014, Shanghai
4	UAE	Publicity for DASA Scheme of MHRD, to attract prospective students for B Tech Programme. International Higher Education Exhibition.	10-15th April 2014, Dubai
5	Oman	Publicity for DASA Scheme of MHRD, to attract prospective students for B Tech Programme. International Higher Education Exhibition.	23-25th April 2013, Muscut
6	Japan	International conference	2011, Kumomoto
7	England	India UK Education and Research Initiative collaborator.	2010 Dundee, Birmingham
8	Australia	Research Interaction with Prof. Priyan Mendis, University of Malbourne	2008, Melbourne
9	Australia	International conference	2007, Cairns
10	Japan	International conference	2006, Yokohama
11	USA	International conference	2005, Lousiana
12	Czech Rep	International conference	2005, Prague
13	Korea	International conference	2004, Seoul
14	Japan	Post-doctoral work	2003-2005, Tokyo