


1.	NAME	: Dr. BASAVANA GOWDA S N. M.Tech., Ph.D. MISTE. MIE
2.	DESIGNATION	: Associate Professor Department of Civil Engineering Cell : 9844308930 E-mail: snbgowda002@bietdvg.edu snbgowda002@gmail.com
3.	DATE OF BIRTH	: 2 nd April 1988.
4.	EDUCATIONAL QUALIFICATION	: <ul style="list-style-type: none"> ❖ B.E. (Civil), 2009, First class with Distinction, Bapuji Institute of Engineering & Technology, Davanagere. ❖ M.Tech (Structural Engineering). 2013, First class with Distinction, Bangalore Institute of Technology, Bangalore ❖ Ph.D. (Civil Engineering), 2020, National Institute of Technology Karnataka, Surathkal. (NITK)
5.	POSITION HELD	: Presently Working: <ul style="list-style-type: none"> ✓ as Associate Professor in Department of Civil Engineering at <i>Bapuji Institute of Engineering & Technology, Davanagere</i> from 16th August 2021 till date for Undergraduate students and M Tech Structural Engineering. ✓ As PG coordinator for Structural Engineering since July 2023. ✓ Worked as Associate Professor and HOD of Civil Engineering Department in Tontadarya college of Engineering, Gadag, from Jan 2021 to August 2021. ✓ Worked as Assistant Professor in, Tontadarya college of Engineering, Gadag, from August 2019 Jan-2021. ✓ Research scholar in Department in civil Engineering, NITK Surathkal from July 2014 to July 2019. ✓ Worked as Assistant Professor in, East West Institute of Technology, Bangalore, from c to July 2014. ✓ Worked as Site Engineer at Adarsh Prime Projects Pvt. Ltd, Bangalore from June-2010 to May- 2011. The works involved supervision, estimation, execution & quality inspection of Residential Apartment Project ✓ Worked as Site Engineer at Dee Tech Projects Pvt. Ltd, Bangalore from July-2009 to March-2010. The works involved planning, supervision, estimation, execution & quality inspection of Water supply Project
6.	FIELD OF SPECIALIZATION	: <ul style="list-style-type: none"> • Structural Engineering • Sustainable building materials and construction • Alternate Building Materials & Special Concretes • Material Characterization

7.	EXPERIENCE	: Total 11 years of Research, Testing & Consultancy for institution and industries. Teaching & Training for Under Graduate and Postgraduate students.
9.	FELLOW / MEMBER OF PROFESSIONAL BODIES	: Life member ✓ Indian Society for Technical Education (ISTE), New Delhi (LM130531) ✓ The Institution of Engineers (India), Kolkata, Member (M-1772524) ✓ Indian Concrete Institute (LM-14050)
10.	ACADEMIC ACTIVITIES AND ACHIEVEMENTS	About 15 Research Papers published in the area of concrete technology. (International Journals & conferences). ➤ Technical Chair- International Conference on ‘Climate resilient Construction and Building Materials’ organized by SCBM laboratory, Dept. of Civil Engineering, NITK Surathkal on 3-5 march 2023. ➤ Reviewer- International Conference on “Emerging Research in Civil, Aeronautical and Mechanical Engineering”- ERCAM-2019, during 25-26 July 2019. ➤ Reviewer- for Two Days Online International Conference “Advances in Construction Technology and Management – 2021” (ACTM-2021), during 11-12 March 2021. ➤ Reviewer- for International Conference on Emerging Research in Civil, Aeronautical and Mechanical Engineering– 2021” (ERCAM-2021), during 16-17 December 2021 ➤ Worked as student volunteer in organizing the “10th International Symposium on Lowland Technology” (ISLT 2016) organized by, International Association of Lowland Technology and Dept. of civil Engg, NITK, Surathkal during 15th-16th September 2016
	Ph.D thesis abstract	* Ph.D. Topic “ POTENTIAL USE OF LATERITIC FINE AGGREGATES IN MORTARS AND CONCRETES FOR SUSTAINABLE DEVELOPMENT ” The main objective is to study the usage potential of processed lateritic FA as a replacement to river sand in conventional mortars and concretes. A new processing methodology is implemented to process and characterize the lateritic FA. Performance of Lateritic FA as fine aggregates in conventional mortars and concretes were studied through mechanical properties and micro structural analysis. The performance of blended lateritized mortars and concretes at elevated temperatures is studied.

		Performance Studies on usage potential of Lateritic FA along with recycled coarse aggregates replacement to conventional natural granite aggregates was also investigated.
13.	ACADEMIC ACTIVITIES AND ACHIEVEMENTS	Recognized as Reviewer for various reputed journals <ul style="list-style-type: none"> ➤ Construction and Building Materials (Elsevier) ➤ Journal of building Engineering (Elsevier) ➤ Indian Concrete Journal (ICJ)
15.	SANCTIONED STUDENT PROJECTS	Under Graduate student projects (KSCST) Project Work Sanctioned and Completed <ul style="list-style-type: none"> ➤ Development of hybrid fibers reinforced Bendable geopolymer concrete mixes. Sponsored by Karnataka State Council for Science and Technology, Bengaluru under Student project Programme (SPP) during the year 2020-2021 (44th Series). ➤ Development of Alkali Activated slag based Recycled aggregate pervious concrete. Sponsored by Karnataka State Council for Science and Technology, Bengaluru under Student project Programme (SPP) during the year 2021-2022 (45th Series).
16	ACADEMIC PROGRAMMES GUIDED/ SUPERVISED	i. Number of Ph.D. Students working : 02
		ii. Number of M. Tech Degree Awarded : 06
		iii. No. of students working for M.Tech Projects : 01
		iv. No.of FDP/Workshop/Conference attended : 32
		v. No.of Online/Virtual FDP attended : 19
		vi. No. webinars attended : 05
		vii. No. of awards received : 01
14.	AWARDS / PRIZES / CERTIFICATES ETC	<ul style="list-style-type: none"> ➤ Won best paper award in International conference on sustainable construction and Building Materials, held at NITK on June 2018.
	<ul style="list-style-type: none"> • GOOGLE SCHOLAR ID 	<ul style="list-style-type: none"> • https://scholar.google.com/citations?user=oco04w4AAA&hl=en&oi=ao
	<ul style="list-style-type: none"> • ORCID ID 	0000-0002-4795-3269 
	<ul style="list-style-type: none"> • RESEARCHER ID 	
	<ul style="list-style-type: none"> • SCOPUS ID 	<ul style="list-style-type: none"> • 57205130509

• MICROSOFT ID	• Snbgowda002@bapujidvg.onmicrosoft.com
• COLLEGE ID	• snbgowda002@bietdvg.edu
• WEBSITE ID	• https://www.bietdvg.edu/department/UG/CV/home
• LIKIDIN	• https://www.linkedin.com/in/dr-basavana-gouda-s-n-653b7624
• TWITTER	• https://twitter.com/snb_gowda
• FACEBOOK	• https://www.facebook.com/
• IRINS	• https://bietdvg.irins.org/profile/224292

22. THE DETAILS OF RESEARCH PAPERS PUBLISHED:

1. **Basavana Gowda S N**, Sharan Kumar Goudar, H. P. Thanu, and B. Monisha. "Performance evaluation of alkali activated slag based recycled aggregate pervious concrete." *Materials Today: Proceedings* (2023).
2. Harish, K. M., **Basavana Gowda S N**, Sharan Kumar Goudar, and H. P. Thanu. "Experimental investigations on hybrid fibre reinforced alkali activated concrete mixes." *Materials Today: Proceedings* (2023).
3. **Basavana Gowda, S.N.**, Yaragal, S., Rajasekaran, C. and Goudar, S.K. (2023), "Performance and microstructural investigations of processed lateritic fine aggregates in blended cement mortars exposed to elevated temperatures", *Journal of Structural Fire Engineering*, Vol. 14 No. 4, pp. 547-574. <https://doi.org/10.1108/JSFE-01-2023-0010>
4. **Basavana Gowda S. N.**, Sharan Kumar Goudar, H.P. Thanu, B. & Monisha B, "Performance evaluation of alkali activated slag based recycled aggregate pervious concrete", *Materials Today: Proceedings*, (Article in press) 2023,
5. Harish K M, **Basavana Gowda S.N.**, Sharan Kumar Goudar, H.P. & Thanu, B. "Experimental Investigations on Hybrid Fibre reinforced high ductile activated composites" , *Materials Today: Proceedings*, (Article in press) 2023.
6. **Basavana Gowda S. N**, Rajasekaran, C., Subhash C. Yaragal and Parameshwar Hiremath (2023). "Development and performance evaluation of Lateritic fine aggregate based Recycled Aggregate Alkali Activated Concrete mixes", *Springer: Lecture notes in Civil Engineering* (accepted for publication) 2023.

7. Thanu H P, Ankitha Singh, **Basavana Gowda S N**, Sharan Kumar Goudar (2023). “Energy saving management strategies to convert existing campus to smart campus: A conservative method analysis”, Springer: Lecture notes in Civil Engineering (accepted for publication) 2023.
8. Parameshwar N Hiremath, H P Thanu, **Basavana Gowda S. N.** and Sharan kumar Goudar, “Early Strength Development of Blended Concrete Under Different Curing Conditions,” *Emerging materials research*, Vol 9(1), 1-6.ICE publishers.
9. Subhash C Yaragal, **Basavana gowda S. N.** and Rajasekaran C. “Characterization and performance of processed lateritic fine aggregates in cement mortars and concretes”. *Construction and Building Materials*, Volume -200 (2019) pp.10–25. (Impact factor-**3.485**) (Elsevier Publications)
10. **Basavana Gowda S. N**, Rajasekaran, C., & Subhash C. Yaragal (2018, October). Significance of processing laterite on strength characteristics of laterized concrete. In *IOP Conference Series: Materials Science and Engineering* (Vol. 431, No. 8, p. 082003). IOP Publishing.
11. **Basavana Gowda S. N**, Rajasekaran, C., & Subhash C. Yaragal (2019). Strength Characteristics of Laterized Mortars Using Processed Laterite. In *Sustainable Construction and Building Materials* (pp. 571-581). Springer, Singapore.
12. Smita Singh, **S.N. Basavana gowda**, M. U. Aswath, R. V. Ranganath “Durability of Bricks Coated with Red Mud Based Geopolymer Paste” *IOP Conference Series: Materials Science and Engineering* 149 (2016) 012070,doi:10.1088/1757-899X/149/1/012070.
13. Thanu H P, **Basavana gowda S. N.** and Rajasekaran C “Life cycle energy and cost analysis of energy efficient buildings in comparison with conventional buildings- A case study” *International conference on Advanced Materials and Technology(ICMAT-16)*.
14. Vimarsh S.P, **Basavana gowda S.N.** and Dr. Ramesh B.R “Study on Strength Properties of Fiber Reinforced Concrete by Partial Replacement of Sand by Copper Slag”, *International Journal of Civil and Structural Engineering Research*, Vol. 2, Issue 1, pp: (104-110).

Research Papers Presented in Seminars/Conference/Workshop

1. **Basavana Gowda S. N**, Rajasekaran, C., & Subhash C. Yaragal (2018, October). “Significance of processing laterite on strength characteristics of laterized concrete” *CONCET-2018*, University of Malaya, Kaulalumpur, Malaysia.

2. **Basavana Gowda S. N**, Rajasekaran, C., & Subhash C. Yaragal (2019). “Strength Characteristics of Laterized Mortars Using Processed Laterite” International conference on Sustainable construction and building materials (ICSCBM-2018), NITK Surathkal, Karnataka
3. Harish K M, **Basavana Gowda S. N**, Sharan Kumar Goudar & Thanu H P (2022). “Structural Behavior studies on Hybrid Fibre reinforced high ductile activated composites” International conference on Modern Materials for Engineering and Research (ICMMER-2022) during 29th -30th September 2022 at Sengunthar Engineering College, Tiruchengode, Tamil Nadu, India.
4. **Basavana Gowda S. N**, Sharan Kumar Goudar, Thanu H P and Monisha B (2022). “Performance Evaluation of Alkali Activated slag based recycled aggregate Pervious Concrete” International Conference on Construction Materials and Structures (ICCMS-2022) during 13-19 December, 2022 at NIT Calicut, Kerala, India.
5. Harish K M, **Basavana Gowda S. N**, Sharan Kumar Goudar & Thanu H P (2022). “Experimental Investigations on Hybrid Fibre reinforced high ductile activated composites” Advanced Technologies in Chemical, Construction and Mechanical Sciences (ICATCHCOME 2023) during 9th -10th February 2023 at KPR Institute of Engineering And Technology, Coimbatore, Tamil Nadu, India.
6. **Basavana Gowda S. N**, Rajasekaran, C., Subhash C. Yaragal and Parameshwar Hiremath (2023). “Development and performance evaluation of Lateritic fine aggregate based Recycled Aggregate Alkali Activated Concrete mixes” International conference on Climate Resilient construction and building materials (ICRCBM-2018), on 3rd to 5th March 2023 at NITK Surathkal, Karnataka

Seminars/ Conference/ Workshop Attended: (offline)

1. **Six days STTP** on “**Outcome based education & NBA Accreditation**” held during 27-02-2020 to 01-02-2020 at KLEIT, Hubballi.
2. **One day** training program on “**Teaching learning and writing in Engineering Education**” “organized by R& D wing, Tontadarya college of Engineering, on 28th November 2019.
3. **Five-day** advance level course on “**Whole life management of concrete structures- Theory to Practice**” organized under **GIAN**, MHRD held during September 10-14, 2018 at NITK Surathkal.
4. **Five-day** advance level course on “**Concrete: Microstructure Characterization**” organized under **GIAN**, MHRD held during June 18-22, 2018 at NITK Surathkal.

5. **Two Day** workshop on “**Design and Development of Sustainable Concrete in the Era of Global Warming**” held during January 9-10, 2017 at NITK Surathkal.
6. Workshop on “**The Ambuja Concrete Mix Design Workshop**” held on December 13-14, 2016 at Ambuja foundations Centre Panambur, Mangalore
7. 10th International symposium on “**Lowland technology (ISLT-2016)**” held during September 15- 16, 2016 at Mangalore.
8. One-day workshop on “**Research Methodology and Structural Equation modeling**” held on November 16, 2014 at NITK Surathkal.
9. International workshop on “**Civil Infrastructure and Structural Materials**” held during July 28- 29, 2014 at NITK Surathkal.
10. VTU-VGST Faculty Development Program on “**Effect of corrosion on the concrete Infrastructure and its durability**” held during May 20-23, 2014 at M V J college of engineering Bangalore.
11. National Seminar, Demonstration and Exhibition on “**Innovative & decorative Concretes**” held during January 28-29, 2013 at BMS College of engineering Bangalore.
12. National Seminar and Exhibition on “**Recent Developments in Design and Construction**” for “**Repair, Rehabilitation and Retrofitting**” held during February 22-24, 2012 at NIMHANS convention Centre Bangalore.

Online/Virtual / FDP/Workshop/Conference Attended: (one week)

1. Attended the self-sponsored **one week** online short term course on “Sustainable and Durable Green Concrete –Future and Applications” from 18th to 22nd December 2023 conducted by Civil Engineering Department, **Dr. B R Ambedkar National Institute of Technology**, Jalandhar, Punjab, India.
2. Attended the **Five days** "International Workshop on Construction Materials" during 13th -17th December 2022 organized by NIT Calicut, Kerala, India.

3. **One week** online Faculty development Programme (FDP) on “**Wellness and Stress Management during the Pandemic**” Organized by “Education and Educational Management Department, NITTTR Chandigarh, from 27th April to 1st May 2020.
4. **One Week** Short Term Training Programme (STTP) through ICT Mode on “**Concept Mapping in Teaching Learning**” organised by NITTTR Kolkata from 27th April to 1st May 2020
5. **One week** online Faculty development Programme (FDP) on “**Moodle- Learning Management System**” organised by the KLS Vishwanathrao Deshpande Institute of Technology, Haliyal, Uttara kannada, Karnataka in association with IIT Bombay Spoken Tutorial (An initiative of National Mission on Education through ICT,MHRD, Govt. of India,), from 4th May 2020 to 8th May 2020.
6. **One Week** Faculty Development Program on “**Advanced technology in Civil Engineering**” organized by Department of Civil Engineering, Gousia college of Engineering from 15th to 19th June, 2020.
7. **One Week** National Training Programme on “**Disaster Risk, Vulnerability Assessment and Management**” jointly Organized by National Institute of Disaster Management and Delhi Technological University, from 29th June to 3rd July 2020.
8. **One week** online Certificate Course on “**Digital Teaching Techniques**” organized by ICT Academy, from 29th Jun 2020 to 04th Jul 2020.
9. **One week** Online STTP on “**BRIDGE ENGINEERING: Design, Execution, Maintenance and Rehabilitation**” organized by Department of Civil Engineering Sinhgad College of Engineering Pune in association with Indian Institute of Bridge Engineers, Pune Chapter, from 13th to 17th July 2020.
10. **One Week** Online AICTE Recognized Faculty Development Programme on “**Fundamentals of concrete technology**” Organized by Civil Engineering Department, NITTTR Chandigarh, from 20th to 24th July 2020.
11. **One Week** Faculty Development Program on “**Sustainable Concepts in Civil Engineering and Architecture**” organized by Department of Civil Engineering and School of Architecture in association with IQAC-MSRIT sponsored by AICTE from 21st to 25th July, 2020 at Ramaiah Institute of Technology, Bengaluru.
12. **Six Days online** AICTE sponsored short term training programme (STTP) on “**Enhanced Research and Development through Project based learning to achieve Outcome based**”

education in Engineering” organized by Department of Mechanical Engineering, Sri Krishna college of Technology Coimbatore from 22nd to 29th October, 2020.

13. **One Week** International Workshop on “**Durability of Concrete**” (IWODOC - 2020) organised by the Department of Civil Engineering, National Institute of Technology Karnataka, Surathkal, India during 26th - 30th October 2020.
14. **One week** online student and faculty development program on “**Earth System Science for Society**” Organised by Department of civil engineering during 30th November to 5th December 2020.
15. **One Week** Online AICTE Recognized Faculty Development Programme on “**IoT and Artificial Intelligence Applications in Civil Engineering**” Organized by Civil Engineering Department, NITTTR Chandigarh, from 7th to 11th December 2020
16. **One Week AICTE sponsored** Short Term Training Programme (STTP) on “**Control Air pollution –Defer Climate change**” organized by Department of civil Engineering, BLDE’s V.P. Dr. P. G. Halakatti college of Engineering & Technology Vijayapura from 21st to 26th December 2020.

Online/Virtual / FDP/Workshop/Conference Attended: (less than one week)

1. **5 Days Faculty Development Program** on “**Advancements in Civil Engineering**” from 27th to 31st July 2020, organized by Department of Civil Engineering, PES Institute of technology & Management, Shivamogga
2. **Three Day** International Webinar in an online mode on “**Computational Trends and Applications in Civil Engineering**”, Conducted by JSS Academy of Technical Education Noida, Organized by the Department of Civil Engineering , from 8th to 10th June 2020.
3. **Three days** Faculty Development Program” on “**Sustainable Pavements-Materials, Design & Maintenance**” organised by Department of Civil Engineering, Bangalore Institute of Technology, from 12th July to 14th July 2020.
4. **Two Days** International e-Conference on ”**Atmanirbhar Bharat: Turn Crisis into an Opportunity**” Organized by the Department of Management Studies, VTU Belagavi in association with Scientists & Engineering Wing, R.E. & R.F. of Prajapita Brahma Kumaris, Ishwariya Vishwa Vidyalaya, Belagavi on 20 & 21 August 2020.

