S.G. Balekundri Institute of Technology

Belagavi, Karnataka | VTU Affiliated | AICTE Approved

Faculty CV

09 Nov 2026



Shreedhar R

Professor

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Date of Joining	28 Aug 2023

Educational Qualifications

#	Degree	Specialization	University	Year	PhD Guide
1		CIVIL ENGINEEERING	UNIVERSITY OF MYSORE	1985	
2		HYDRAULICS AND WATER RESOURCES ENGINEERING	MANGALORE UNIVERSITY	1988	
3		CIVIL ENGINEERING SCIENCES	VISVESVARAYA TECHNOLOGICAL UNIVERSITY	2018	Dr. VINOD HOSUR

Experience

#	Type	Duration	Organization	Description
1	Teaching	8y 0m	KLS GOGTE INSTITUTE OF TECHNOLOGY	LECTURER
2	Teaching	7y 0m	KLS GOGTE INSTITUTE OF TECHNOLOGY, BELAGAVI	SENIOR LECTURER
3	Teaching	7y 0m	KLS GOGTE INSTITUTE OF TECHNOLOGY, BELAGAVI	ASSISTANT PROFESSOR
4	Teaching	8y 0m	KLS GOGTE INSTITUTE OF TECHNOLOGY, BELAGAVI	ASSOCIATE PROFESSOR
5	Teaching	3y 0m	KLS GOGTE INSTITUTE OF TECHNOLOGY, BELAGAVI	PROFESSOR
6	Teaching	5y 0m	S.G.BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAVI	PROFESSOR

Professional Memberships

ISTE (LM 5724) since 1989

IEI (F - 1212275) since 2016

INDIAN SOCIETY FOR HYDRAULICS (LM - 1268) since 2017

FDPs / Workshops Attended (27)

#	Type	Title	Organizer	Period
1	Workshop	One Day National Seminar on "Climate Change"	Mining Engineers' Association of India, Belagavi Chapter and Department of Geology, G.S.Science College, Belagavi	19 May 2020 – 19 May 2020
2	Workshop	One Week Short Term Training Programme on "Environmental Geotechnics and Sustainable Development	Department of Civil Engineering. KLS Gogte Institute of Technology, Belagavi	06 Jan 2020 – 10 Jan 2020
3	Workshop	2 Day National Seminar on "Water management through Inter-Basin Water Transfer"	Institution of Engineers, Belagavi Local Centre, Belagavi	14 Sep 2019 – 15 Sep 2019
4	Workshop	One Day Workshop on "River Bank Filtration projects in Southern India-Studies from hard rock regions"	The Energy and Resources Institute(TERI) in colloboration with National Institute of Hydrology, Belagavi and Visvesvaraya Technological University, Belagavi	29 May 2018 – 19 May 2018
5	Workshop	2 Day Seminar on "Performance Audit of Ghataprabha & Malaprabha Irrigation Projects"	Institution of Engineers, Belagavi Local Centre, Belagavi	07 Jan 2018 – 08 Jan 2018
6	Workshop	International Conference on Hydraulics and Environmental systems (ICHES 2017)	KLE Dr. M.S.Sheshgiri College of Engineering and Technology, Belagavi, India	23 Mar 2017 – 25 Mar 2017
7	Workshop	21st International Conference on Hydraulics, Water Resources and Coastal Engineering	Central Water and Power Research Station in association with Indian Society for Hydraulics (ISH)	08 Dec 2016 – 10 Dec 2016
8	Workshop	One day Workshop on "Bloom's Taxonomy and OBE"	KLSGIT, Belagavi	13 Jul 2016 – 13 Jul 2016
9	Workshop	One day Brainstorming session on " River Bank Filtration"	NIH, VTU and TERI at VTU, Belagavi	01 Jul 2016 – 01 Jul 2016
10	Workshop	FDP on "ETABS and SAP 2000"	KLSGIT, Belagavi	22 Feb 2016 – 24 Feb 2016

#	Type	Title	Organizer	Period
11	Workshop	National Conference on “Make in India”	S.G.Balekundri Institute of Technology, Belagavi	05 Feb 2016 – 06 Feb 2016
12	Workshop	2nd National Conference on "Emerging Trends in Chemistry and Materials Science (ETCM-2016)"	Department of Chemistry, KLSGIT, Belagavi	23 Jan 2016 – 23 Jan 2016
13	Workshop	One day Faculty Development Programme on " Bentley Suite"	Bentley Systems	13 Jan 2016 – 13 Jan 2016
14	Workshop	One week ISTE workshop on " Introduction to Structural Engineering"	I.I.T., Kharagpur at KLSGIT, BELAGAVI	04 Jan 2016 – 09 Jan 2016
15	Workshop	Two week ISTE workshop on " Environmental studies"	I.I.T., Bombay at KLSGIT, Belagavi	02 Jun 2015 – 12 Jun 2015
16	Workshop	Two week ISTE workshop on " Engineering Mechanics"	I.I.T., Bombay at KLSGIT, Belagavi	26 Nov 2013 – 06 Dec 2013
17	Workshop	Two days ISTE workshop on “Aakash for Education ” under the National Mission on Education through ICT	I.I.T., Bombay at KLSGIT, Belagavi	10 Nov 2012 – 11 Nov 2012
18	Workshop	Two days workshop on “ Civil FEM with ANSYS”	INNOVENT Engineering Solutions Pvt. Ltd., Bangalore at VTU, Belgaum	06 Feb 2012 – 07 Feb 2012
19	Workshop	National Conference NET- 2011	Government Engineering College, Kozhikode, Kerala	25 Nov 2011 – 26 Nov 2011
20	Workshop	National Conference AMAS- 2011	Pondicherry Engineering College, Puducherry, India	03 Feb 2011 – 04 Feb 2011
21	Workshop	Two day workshop “Research Methodology and Report Writing”	GIT Belgaum	25 May 2009 – 26 May 2009

#	Type	Title	Organizer	Period
22	Workshop	National conference on Advances in Civil Engineering ACE-08	AEC, Bhatkal, Karnataka.	09 Mar 2008 – 10 Mar 2008
23	Workshop	Second National Conference FACE-08	TKM College of Engineering, Kollam, Kerala	21 Feb 2008 – 23 Feb 2008
24	Workshop	Two day seminar “ ROADS 2007”	Institute of Engineers Local centre , Belgaum	12 Mar 2007 – 13 Mar 2007
25	Workshop	STTP on “Structural Steel Design”	BMS College of Engineering, Bangalore	12 Jun 2006 – 16 Jun 2006
26	Workshop	National Seminar on “Project Management – Emerging Trends”	Association of Consulting Civil Engineers at Bangalore	16 Jun 2005 – 18 Jun 2005
27	Workshop	One-day National Workshop on “Fast Track Construction – FAST TRACK 2003”	KLSGIT, Belgaum	10 Dec 2003 – 10 Dec 2003

Achievements & Awards

1. Delivered lecture as resource person on “Engineering for a Sustainable Future” for FDP on “Exploiting AI for Sustainable development – A hands on approach” — Recognition **(2026)**

Department of Electrical & Electronics Engineering and Department of Civil Engineering, S.G. Balekundri Institute of Technology, Belagavi

Delivered a lecture as a Resource Person on "Engineering for a Sustainable Future" during the Faculty Development Programme (FDP) on "Exploiting AI for Sustainable Development – A Hands-on Approach", held on 23rd May 2026 at S.G. Balekundri Institute of Technology, Belagavi. The programme was jointly organized by the Department of Electrical & Electronics Engineering and the Department of Civil Engineering. The session was attended by Civil Engineering students and faculty members. The lecture highlighted the role of engineering and artificial intelligence in achieving sustainable development through innovative infrastructure, resource optimization, and environmentally responsible practices. It provided participants with insights into emerging technologies and their applications in addressing sustainability challenges in civil engineering.

2. Delivered lecture as resource person on “Project Management in Construction” — Recognition **(2026)**

JK Cements Limited.

Delivered lectures as a Resource Person on "Project Management in Construction" at technical programmes organized by JK Cements Limited for contractors, consultants, engineers, and Civil Engineering students. The sessions were conducted at Chikodi (5 February 2026), Belagavi (7 February 2026), Vijayapura (12 May 2026), and

Dharwad (28 July 2026). The lectures covered project planning, scheduling, resource management, quality control, risk management, and modern construction management practices. Practical case studies and industry best practices were presented to bridge the gap between academic concepts and field applications. The programmes enhanced the participants' understanding of effective project management techniques for successful execution of construction projects.

3. Member of Editorial Board for i-manager's Journal on Civil Engineering — Recognition **(2026)**

i-manager's Journal on Civil Engineering

Serving as a Member of the Editorial Board for i-manager's Journal on Civil Engineering. This role involves reviewing technical papers and guiding the quality of research publications in Civil Engineering.

4. Subject Expert for recruitment of faculty in Civil Engineering Department — Recognition **(2026)**

Veman Vidyavardhak Sangh's Future Forge Engineering Academy, Vidyanagar, Hubli

Served as a Subject Expert on the Selection Committee for the recruitment of faculty in the Department of Civil Engineering at Veman Vidyavardhak Sangh's Future Forge Engineering Academy, Vidyanagar, Hubballi, on 27 May 2026. Evaluated candidates based on their academic credentials, subject knowledge, teaching aptitude, research potential, and overall suitability for faculty positions. Contributed to ensuring a fair, transparent, and merit-based selection process aimed at strengthening the academic quality of the institution.

5. Delivered lecture as resource person on “Groundwater Modeling” in 3 Days Workshop on Groundwater Modeling and Management — Recognition **(2024)**

KLE Technological University (KLE Tech) - Dr. M. S. Sheshgiri Campus

Delivered a lecture as a Resource Person on "Groundwater Modeling" during the 3-Day Workshop on Groundwater Modeling and Management, held from 14–16 October 2024, organized by KLE Technological University (KLE Tech) – Dr. M. S. Sheshgiri Campus. The session was attended by Civil Engineering faculty members from various engineering colleges and engineers from Government organizations. The lecture covered the fundamentals of groundwater modeling, simulation techniques, model calibration, and practical applications in groundwater management. Emphasis was placed on the use of modern modeling tools for sustainable groundwater assessment and decision-making. The programme enhanced the participants' technical expertise in groundwater modeling and its application to real-world water resources management.

6. Delivered lecture as resource person on “Concept of Integral Bridges” — Recognition **(2024)**

Institution of Engineers, Belagavi Local Chapter

Delivered a lecture as a Resource Person on "Concept of Integral Bridges", organized by the Institution of Engineers (India), Belagavi Local Centre, on 28th October 2024. The session was attended by Civil Engineering students and Public Works Department (PWD) Engineers. The lecture covered the fundamentals, design philosophy, advantages, and structural behavior of integral bridges, with emphasis on soil–structure interaction and thermal effects. Practical design considerations, recent developments, and case studies were discussed to highlight the benefits of integral bridge construction. The programme enhanced participants' understanding of modern bridge engineering practices and promoted knowledge exchange between academia and practicing engineers.

7. Delivered lectures for PWD Engineers as resources person in Continuing Education Programmes — Recognition **(2021)**

KERS, Mysore and KLSGIT, Belagavi

Served as a Resource Person and delivered lectures for Public Works Department (PWD) Engineers under the Continuing Education Programmes organized by the Karnataka Engineering Research Station (KERS), Mysore, from

1988 to 2021 at KLS Gogte Institute of Technology (KLS GIT), Belagavi. The programmes were aimed at enhancing the technical knowledge and professional competencies of practicing engineers. The lectures covered various topics in civil engineering, including design, construction, project management, and water resources engineering. Emphasis was placed on the application of current engineering practices, relevant codes, and practical problem-solving techniques. These programmes contributed significantly to the continuing professional development of PWD engineers over more than three decades.

8. Budgeting and Scheduling Projects — Certification **(2020)**

University of California, Irvine

Successfully completed the online certification course "Budgeting and Scheduling Projects", authorized by the University of California, Irvine and offered through Coursera. The course provided comprehensive knowledge of project scheduling, budgeting, and resource management, emphasizing the importance of completing projects within defined time and cost constraints. It covered project resource planning, activity decomposition, duration estimation, milestone scheduling, critical path analysis, float calculation, cost estimation techniques, responsibility assignment matrices (RAM), and quality management planning. This certification has enhanced his competency in planning, budgeting, scheduling, and managing engineering and construction projects using internationally recognized project management practices.

9. Managing Project Risks and Changes — Certification **(2020)**

University of California, Irvine

Successfully completed the online certification course "Managing Project Risks and Changes", authorized by the University of California, Irvine and offered through Coursera. The course focused on effective project risk and change management, covering the development of communication management plans, risk identification and prioritization, formulation of response strategies for high-priority risks, and analysis and management of changes to project scope. The certification has strengthened his expertise in project communication, risk assessment, change control, and decision-making, enabling more effective planning and successful execution of engineering and construction projects.

10. Sustainable Agricultural Land Management — Certification **(2020)**

University of Florida

Successfully completed the online certification course "Sustainable Agricultural Land Management", authorized by the University of Florida and offered through Coursera. The course provided in-depth knowledge of sustainable land and water resource management, with emphasis on agricultural and urban water quality, land and nutrient management strategies, and the scientific and policy framework behind Best Management Practices (BMPs). It also enhanced his ability to evaluate BMP research, analyze its effectiveness, and understand its role in developing practices and policies that protect water quality and promote sustainable environmental management.

11. Climate Change and Water in Mountains: A Global Concern — Certification **(2020)**

University of Geneva

Successfully completed the online certification course "Climate Change and Water in Mountains: A Global Concern", authorized by the University of Geneva and offered through Coursera. The course provided comprehensive knowledge of climate change in mountain regions, its impacts on water resources, and strategies for adaptation and water governance. It also covered the effects of climate change on hydropower, agriculture, aquatic ecosystems, and public health, while examining the risks that threaten water availability and sustainable water use in mountainous environments. This certification has strengthened his understanding of climate resilience, integrated water resources management, and sustainable environmental planning in the context of global climate

change.

12. Introduction to Project Management — Certification **(2020)**

Coursera

Successfully completed the online certification course "Introduction to Project Management", offered through Coursera. The course provided a strong foundation in the fundamental principles and practices of project management, including project scope definition, stakeholder management, task sequencing, timeline development, team responsibility allocation, and action planning. Through practical project-based learning, he gained hands-on experience in preparing a Project Scope Document, Stakeholder Responsibility Matrix, scheduling activities, assigning task owners, and using project management software to visualize and monitor project progress. This certification has enhanced his ability to effectively plan, organize, coordinate, and execute projects using structured project management methodologies.

13. Project Management Principles and Practices — Certification **(2020)**

University of California, Irvine

Successfully completed the online Specialization in "Project Management: Principles and Practices", authorized by the University of California, Irvine Extension and offered through Coursera. This comprehensive four-course specialization provided advanced knowledge and practical skills in modern project management methodologies, enabling effective delivery of projects within defined scope, schedule, cost, and resource constraints. The program covered project scope management, development of Work Breakdown Structures (WBS), project planning and budgeting, resource allocation, project execution and monitoring, risk management, procurement management, and stakeholder coordination. As part of the applied learning experience, he completed a series of hands-on projects involving project scope definition, project plan development, budgeting, scheduling, resource management, risk identification and mitigation, and procurement planning. This specialization has significantly strengthened his expertise in planning, organizing, and successfully managing engineering, construction, research, and academic projects using globally recognized project management principles and best practices.

14. Improve Business Performance with Google Forms — Certification **(2020)**

Coursera

Successfully completed the online guided project "Improve Business Performance with Google Forms", offered through Coursera. The project focused on designing and administering customer satisfaction surveys using Google Forms, collecting and analyzing response data, and interpreting results through graphical visualizations. It provided practical experience in survey design, data collection, customer feedback analysis, and the use of charts and graphs to identify business trends and performance indicators. This certification has enhanced his skills in data-driven decision-making, customer satisfaction assessment, and the effective use of digital tools to improve organizational performance and service quality.

15. Initiating and Planning Projects — Certification **(2020)**

University of California, Irvine

Completed the online certification course "Initiating and Planning Projects", authorized by the University of California, Irvine and offered through Coursera. The course provided comprehensive knowledge of project initiation and planning, including stakeholder identification, project manager roles and responsibilities, project planning, scope management, and conflict resolution. It also strengthened practical skills in Work Breakdown Structure (WBS), Stakeholder Communication and Engagement, Project Planning, Interpersonal Communication, and Project Management, enhancing the ability to effectively plan, coordinate, and execute engineering and research projects.

16. NPTEL ONLINE CERTIFICATION (8 WEEKS) — Certification **(2019)**

MINISTRY OF HRD, GOVT. OF INDIA

FOR SUCCESSFULLY COMPLETING THE COURSE "FLUID MECHANICS" WITH A CONSOLIDATED SCORE OF 88% (ELITE)

17. NPTEL-AICTE FACULTY DEVELOPMENT PROGRAMME — Certification **(2018)**

NPTEL-AICTE FUNDED BY MINISTRY OF HRD, GOVT. OF INDIA

FOR SUCCESSFULLY COMPLETING THE COURSE "THEORY OF ELASTICITY" WITH A CONSOLIDATED SCORE OF 84%

18. NPTEL ONLINE CERTIFICATION (12 WEEKS) — Certification **(2018)**

MINISTRY OF HRD, GOVT. OF INDIA

FOR SUCCESSFULLY COMPLETING THE COURSE "THEORY OF ELASTICITY" WITH A CONSOLIDATED SCORE OF 84% (ELITE)

19. Nation Builder Award for the year 2016-17 — Award **(2017)**

Rotaract Club of Belagavi South.

Awarded the Certificate of Appreciation and conferred the prestigious "Nation Builder Award" for the academic year 2016–17 by the Rotaract Club of Belagavi South in recognition of outstanding service in the field of teaching. The award acknowledged dedication to academic excellence, student mentoring, and commitment to quality education. It recognized significant contributions toward shaping young minds and promoting professional values among engineering students. This honour reflects sustained efforts in delivering quality technical education and fostering holistic student development. The recognition serves as a testament to excellence in teaching and nation-building through education.

20. Delivered lecture as resource person on Design and Drawing of Aqueducts, Surplus Weir, Canal regulator, Tank Sluice and Canal Drop. — Recognition **(2016)**

Jain College of Engineering, Davanagere

Delivered a lecture on "Design and Drawing of Aqueducts, Surplus Weir, Canal Regulator, Tank Sluice, and Canal Drop" at Jain College of Engineering, Davanagere, on 16th and 17th May 2016. Around 60 Civil Engineering students participated in the programme. The lecture focused on the planning, design principles, and preparation of engineering drawings for key irrigation structures. Practical design considerations and relevant IS standards were discussed with illustrative examples. The session emphasized the functional importance of hydraulic structures in irrigation engineering. It enhanced the students' understanding of design concepts and their practical applications.

21. Delivered lecture as resource person on “Design of Hydraulic Structures” in Faculty Development Programme — Recognition **(2016)**

Channabasaveshwara Institute of Technology, Gubbi, Tumkur

Delivered a lecture on "Design of Hydraulic Structures" during the Faculty Development Programme at Channabasaveshwara Institute of Technology, Gubbi, Tumkur, on 23rd July 2016. The session was attended by Civil Engineering faculty members and students. The lecture covered the design principles, analysis, and functional aspects of major hydraulic structures used in irrigation and water resources engineering. Practical design considerations, relevant standards, and real-world applications were discussed with illustrative examples. The programme enhanced participants' technical knowledge and strengthened their understanding of hydraulic structure design

22. Delivered lecture as resource person on “Design of Water Supply Scheme in Rural Areas” for Diploma Civil Students and Faculty. — Recognition **(2016)**

Vasant Rao Potdar Polytechnic, Belagavi

Delivered a lecture on "Design of Water Supply Scheme in Rural Areas" for Diploma Civil Engineering students and faculty members at Vasant Rao Potdar Polytechnic, Belagavi, on 26th August 2016. The lecture focused on the planning and design of rural water supply systems, including source selection, demand estimation, pipeline design, and storage facilities. Practical aspects of water distribution, quality standards, and sustainable water management were discussed with relevant examples. The session emphasized the application of engineering principles in providing safe and reliable drinking water to rural communities. The programme enhanced the participants' understanding of rural water supply engineering and its practical implementation.

23. Chaired a technical session in the Hydro-2016 International, 21st International Conference on Hydraulics, Water Resources and Coastal Engineering — Recognition **(2016)**

CWPRS, Pune and Indian Society for Hydraulics

Chaired a Technical Session at HYDRO-2016 International, the 21st International Conference on Hydraulics, Water Resources and Coastal Engineering, held during 8–10 December 2016. The conference was jointly organized by the Central Water and Power Research Station (CWPRS), Pune, and the Indian Society for Hydraulics. The session involved moderating technical presentations, facilitating scholarly discussions, and encouraging knowledge exchange among researchers, academicians, and practicing engineers. The conference showcased recent advances in hydraulics, water resources, and coastal engineering. Chairing the session reflected professional recognition and active contribution to the international engineering research community.

24. Certificate of Merit — Recognition **(2013)**

KLS Management

Awarded the Certificate of Merit by the KLS Management in recognition of 25 years of continuous and dedicated service at KLS Gogte Institute of Technology (GIT), Belagavi. The honour was conferred in appreciation of long-standing commitment to academic excellence, institutional development, and professional integrity. It recognizes sustained contributions in teaching, mentoring, research, and service to the institution. The award reflects dedication to nurturing future engineers and supporting the growth of technical education. This recognition stands as a testament to unwavering commitment and distinguished service to KLS GIT, Belagavi

25. Delivered lecture as resource person in National Programme for Capacity building of Architects in Earthquake Risk Management — Recognition **(2010)**

KLSGIT, Belagavi

Delivered an expert lecture during the National Programme for Capacity Building of Architects in Earthquake Risk Management held at Gogte Institute of Technology (GIT), Belgaum, from 15th to 20th August 2010. The session was attended by practicing engineers and technical professionals involved in planning and construction. The lecture focused on the principles of earthquake-resistant design, structural safety, and risk mitigation strategies for buildings. Practical aspects of seismic design, relevant Indian Standards, and field applications were discussed to enhance participants' technical knowledge. The programme contributed to strengthening the capacity of engineers in adopting safe and resilient construction practices in earthquake-prone regions

26. Delivered lecture as resource person on “Construction Management” for Karnataka Land Army Engineers, Belagavi Zone — Recognition **(2008)**

Karnataka Land Army Engineers, Belagavi Zone

Delivered an expert lecture on "Construction Management" for Karnataka Land Army Engineers, Belagavi Zone, organized on 15th September 2008 at Institute of Medical Sciences (BIMS), Belagavi. The session was attended by engineers involved in the planning, execution, and supervision of construction projects. The lecture covered key

aspects of project planning, scheduling, resource management, quality control, and cost optimization in construction. Emphasis was placed on efficient project execution, safety practices, and effective site management techniques. The programme enhanced the participants' understanding of modern construction management practices and their application in engineering projects.

27. Delivered lectures as resource person on Construction Project Management for PWD Engineers — Recognition **(2003)**

IMER, Belagavi

Delivered a series of lectures on Construction Project Management for Public Works Department (PWD) Engineers at IMER, Belagavi, as part of the Certificate Programme in Construction Management conducted during October–November 2003. The programme was attended by practicing PWD engineers seeking to enhance their project management skills. The lectures covered project planning, scheduling, resource allocation, cost control, quality assurance, contract administration, and construction site management. Practical case studies and contemporary management techniques were discussed to improve project execution and decision-making. The programme contributed to strengthening the professional competence of engineers in managing public infrastructure projects efficiently

28. Consultancy : Deputation to Dalal Consultants and Engineers Limited, Mangalore (December 2002 – March 2003) — Recognition

Asian Development Assisted Karnataka Urban Development & Coastal Environmental Management Project and Dalal Consultants and Engineers Limited, Mangalore

Was deputed by KLS Gogte Institute of Technology, Belagavi to Dalal Consultants and Engineers Limited, Mangalore to work on the Asian Development Bank (ADB)-assisted Karnataka Urban Development and Coastal Environmental Management Project for a period of three months, from 10 December 2002 to 10 March 2003. During the deputation, contributed to the planning and design of urban water supply and sanitation infrastructure, including the following projects: Design of the Water Distribution System for Kundapura Town. Design of the Clear Water Transmission Mains for Ullal Town. Design of the New Underground Drainage System for Surathkal Town. The deputation provided valuable experience in the planning, hydraulic design, and implementation of urban water supply and sewerage systems under a major externally funded infrastructure development project.