


RESUME

DATE: 10-05-2026

Faculty Name	Dr. SHASHI KUMAR A		
			
Date of Birth	21-07-1970		
Address	<i>Contact Address:</i>	<i>Associate Professor, Department of Civil Engineering, S J C Institute of Technology, Chickballapur -562101</i>	
	<i>Residential Address</i>	<i>#257, 5th B Main Road, Remco layout, Hampinagar, Bangalore-560104</i>	
		<i>E-mail: ask0084@gmail.com</i>	Mob No: 9448871249 / 8618193180
Department / Discipline	Civil Engineering /Structural Engineering		
Educational Qualifications	Exam Passed	Institution / University	Year
	Degree: B. E	U V C E, Bangalore University	1995
	PG: M. E	U V C E, Bangalore University	2000
	Higher: Ph.D.	S J C Institute of Technology, Chickballapur R&D Centre, VTU.	
Experience	Nature of Experience		No. of Years
	Teaching (Date of Joining: 8/07/2011)		14.5.
	Industry		12.5
	Total Experience (Years)		27
Experience Details	Designation	Institution/ Organization	Duration
	Assistant Professor	S J C Institute of Technology, Chickballapur	08-07-2011 30-03-2017
	Associate professor	S J C Institute of Technology, Chickballapur	01-04-2017 To Till Date.
Professional bodies Membership details	MIE: M-151987-S. The Institution of Engineers (India)		
	ACCE(INDIA), Life membership NO.6449 L		

Other Professional Experience	Company Name	Designation	Experience
	Shelter Group	Structural Engineer	May 2005 to July 2011 (5.5 years)
	Mecon Limited	Bridge Engineer	OCT 1998 to July 2003 (2.5 years)
	Engineering Consultancy Services	Senior Engineer	OCT 1998 to OCT 2000 (2.0 years)
	Ittina Properties Private Limited	Structural Engineer	Oct 2003 to April 2005 (1.5 years)
	Class-1 Contractor, KPWD	Site Engineer	FEB 1995 to FEB 1996 (1.0 years)
Areas of Research Interest & Guidance	Structural engineering, Concrete Technology & Environmental Engineering		
Ph.D. Topic	“EXPERIMENTAL STUDY ON STRENGTH AND FLEXURAL BEHAVIOUR OF RC BEAMS USING FOUNDRY SAND AS AN ALTERNATIVE MATERIAL TO FINE AGGREGATE”		
Status Of Ph.D.	Received Ph.D. award (2023-24) from VTU		
Awards /Recognitions Received@ Institution level	<p><u>2014-2016</u> Received Appreciation certificates and cash prizes (7 times) in Structural Engineering discipline & Environmental discipline subjects under VTU semester end exams with 100% results from the year 2014 to 2016 & 2022-23 in the following subjects.</p> <ol style="list-style-type: none"> 1.Design of Steel Structures-Jan 2014 2.Advanced Concrete Technology-Aug 2014 3.Design & Drawing of Steel Structures-Aug 2014 4. Design of reinforced concrete structures-June 2015 5.Design of steel structures-June 2015 6.Repair and Rehabilitation of Structures-Jan 2016 7. Environmental Protection and Management -2022 <p><u>100% results from the year 2017 to 2022</u></p> <ol style="list-style-type: none"> 1.Building Materials & Construction Technology-2024-25 2. Environmental protection & Management-2022-23 3. Design of prestressed concrete structures -2021-22 4.Finite Element Analysis-2021-22 5.Advanced Design of RC Structures-2021-22 6. Construction Management & Entrepreneurship -2020-21 7. Finite Element Method 2020-21 8.Professional Practice 2020-21 9.Advanced Design of R C Structures-2020-21 10. Finite Element Method 2019-20 11.Special Concrete -2019-20 12.Analysis of Determinate Structures 2019-20 13.Special Concrete-2018-19 14.Finite element method -2018-19 		
Subjects Handled (UG&PG)- Theory &Laboratory	Design of Prestressed Concrete Structures, Special concrete, Strength of Materials, Advanced Design of RC Structures, Design of Steel Structures, Advanced Concrete Technology, Design & Drawing of Steel Structures, Design of advanced Reinforced Concrete Structures, Analysis of Determinate Structures, Repair and Rehabilitation of Structures, Construction management & Entrepreneurship, Analysis of plates & Shells, Analysis of Indeterminate Structures, Basic Surveying, Elements of Civil Engineering, Structural Analysis-I, Structural Analysis-II, Concrete Technology, Environmental protection & Management ,Professional Practice, Surveying Practice Laboratory, Concrete Laboratory, Budling Materials Testing Laboratory, Finite Element Method,		

Environmental Studies, Scientific Foundation of Health, Biology for engineers, Water Conservation & Rainwater Harvesting, Building Materials & Construction Technology, Alternative Building materials & Construction Technology (**Handled More than 30 subjects**)
UG & PG Project work, Technical Seminar work-UG, Internship-UG students

1. Subjects Handled/Currently handling, Results& Appraisal- Statistics

Sl. No	Subject Code / Title		Result (Pass %)	Appraisal (%)
1	2025-26	Prestressed Concrete (BCV 703)	92.30	99.23
	Odd Sem	Building Materials & Construction Technology (BCV 303)	100	98.88
2	2024-25 Even Sem	Biology for engineers (BBOC407)	100	90.00
		Water Conservation & Rainwater Harvesting (BCV654A)	97	92.33
		Building materials testing laboratory (BCVL404), B1&B2 Batches) (Appraisal=99.44+93.42)	100	96.43
		Scientific Foundations of Health (SFH)- BSFH208-CIVIL Branch	100	---
		Scientific Foundations of Health (SFH)- BSFH208-AIML Branch	100	-----
		Industry Internship/Research Internship (211NT82)	100	-----
3	2024-25 Odd Sem	Environmental Protection and Management -7 TH Sem (ME+AE+AS)	100	95
		Environmental Science-EVS-5 th Sem-ECE dept	98.60	90
		Environmental Science & E-Waste management- 5 th Sem- CSE Dept.	95.90	98
		Strength of materials-3 sem-UG	45	91
4	2022-23 Odd Sem	Environmental Protection and Management -7 TH Sem (ME+AE)	100	93.5
5	2021-22 Even Sem	Design of Prestressed Concrete Structures -8 th A Sec	100	92
		Finite Element Analysis (FEA)-2 nd CSE-M Tech	100	100
	2021-22 Odd Sem	Strength of Materials (critical subject-Target result fixed 80%)	67	99.41
		BMT Laboratory (18 CVL38)-UG 3 RD Sem	100	100
		Advanced Design of RC Structures (1 ST Sem M Tech (Structures))	100	100
Technical Seminar (1786CVS)-UG	100	----		
6	2020-21 Even Sem	CM&E-VI Sem- UG	100	95
		Finite Element Method (18CSE22) 2 ND Sem-M Tech (Structures)	100	98.9
		SA Laboratory	100	96
	2020-2021 - Odd Sem	1. BMT Lab-(18 CVL38)	100	95.69
		2. Professional Practice-(18CEM32) 3 rd Sem M Tech -IEM	100	100

		Advanced Design of RC Structures(1 st SemM Tech (Structures)	100	100
		Technical Seminar-UG	100	-----
7	2019-20 Even Sem	ADS(17CV42) UG 4 TH Sem (Critical Subject-Target result fixed 75%)	100	91.20
		FEM (18CSE22) 2 ND Sem M Tech –Structures	100	100
	Odd Sem	Design of RC Structural Elements (17CV51) UG 5 TH Sem	92.98	96.21
		BMT Lab (18 CVL38)-UG 3 RD Sem	100	97.78
		Special Concrete (18CSE15) 1 ST Sem M Tech –Structures	100	93.20
8	2018-19 Even Sem	ADS (17CV42) UG 4 TH Sem(Critical Subject-Target result fixed 75%)	91.20	98.90
		FEM (18CSE22)) 2 ND Sem M Tech –Structures	100	100
	Odd Sem	BMT Lab (18 CVL38)-UG 3 RD Sem	100	92.95
		Special Concrete(18CSE15) 1 ST Sem M Tech –Structures	100	85.20
9	2017-18 Even Sem	Design & Drawing of Steel Structures	100	96.80
		Finite Element Method (18CSE22)) 2 nd Mtech (structures)	94.44	100
	Odd Sem	Strength of Materials (Critical Subject-Target result fixed 75%)	85.29	93.2
		Special Concrete (18CSE15) 1 st Sem M Tech(Structures)	100	93.1
		BMT laboratory (18 CVL38)-UG 3 RD Sem	100	94.9
10	2016-17 Even Sem	D&DSS	100	96.84
		FEM	100	95.9
	2016-17 Odd Sem	DSS	92.42	95.1
		BMT Lab	98.48	96.98
11	2015-16 Even Sem	Design of plates & shells- 14CSE21- MTech	100	--
		Advanced concrete technology-10cv 81-8 th Sem	98.4	98.4
		Design & drawing of steel structures 10CV82-8 th Sem	98.65	94.5
	2015-16 Odd Sem	Surveying Theory-I 10CV34-3 rd Sem	94	93.5
		Surveying practice-I 10CV I 38-3 rd Sem	100	97.5
		Repair & Rehabilitation of structures(14CEM13)-1 st MTech	100	-
12	2014-2015 Even	ECE(14 CIV13)-1 st Sem	76.1	92
		D&DSS(10CV82)-8 th sem	100	94.9
		Design of plates & shells-2 nd Mtech (structures)	100	-
	2014-2015 Odd	D&DSS (10CV82)-8 th Sem	100	97.5
		Advanced concrete technology-10cv 81-8 th Sem	75	97.3
13	2013-14 Even	Design & drawing of RC structures(10cv62) -6 th A sec	94	86.7
		Design & drawing of RC structures(10cv62)-6 th B sec	96	88
		Concrete structures(10cv42)-4 th Sem	94	92.32
	2013-14	Design of Steel Structures	100	96.82

14	Odd Sem	Design of PSC Structures	92.2	99.38
		Building Materials and Testing Laboratory	100	97.35
	2012-13 Even Sem	Structural Analysis-II (10CV53) 5 th B Sec	87.4	90
		Design of PSC Structures (10CV74) 7 th A Sec	98.4	97
		BMT Laboratory(10CVL37) 3 rd A& B Sec	100	94
	2012-13 Odd Sem	Structural Analysis-I(10CV43) 4 th B Sec	86	92
		Design & Drawing of RCC Theory(06cv64),6 th A Sec	100	91.5
	2011-12 Odd Sem	Strength of Materials (10CV32)	68.70	92.20
		Design of Reinforced concrete structures (06 CV52)	91.56	93.30
		Elements of Civil Engineering(10CV23/13)	85.5	90.60

1. Innovative Processes Conducted in Teaching and Learning

Expert Lecture, Think pair share activity, Content beyond the syllabus, Quiz, Surprise test, Seminars, FDP, 3 min talk.

2.MOU'S

Taken MOU's for sponsoring a total station survey equipment with Sir M V Institute of engineering skills period of 3 years (2021 to 2024)

3.NPTEL online course

A. Completed 04 weeks NPTEL online course exam on "Introduction to Civil Engineering Profession" on 27th March 2022, at Presidency University, Bangalore and Completed with an Elite Score of 68%in April 2022.

Additional Roles and Responsibilities		
SL No	Responsibilities	Duration / Remarks
1	Squad for VTU UG exams	2017-18(2 times)
2	BMT lab in charge, Concrete & Highway laboratory lab in charge	2013-2022
3	Time table coordinator	2013-14 (1 year)
4	UG project coordinator	1 time
5	UG technical seminar coordinator	2015-16, 2017-18, 2019-20 & 2021-22 (4 time)
6	UG & PG project guide, class teacher, consultancy of college projects	2013-2022, 2025-26
7	Proctorial work	2013-2022
8	VTU exam valuation moderator	2015,2016,2017(3 times)
9	Stock Verification	2013-2021
10	R&D activity	2018 & 2021
11	Proctorial Coordinator	2015-16, 2024-26
12	ISO Coordinator	2013-2017
13	UG Class teacher work	2015,2016,2017,2018,2021-22,2024-26
14	MOU's preparation	2021-22
15	Extensive Survey Project site work for students	2018
16	NAAC Work	2021-22
17	Annual academic audits for higher educational Institutions of SAST®, JVTM Works, Suggestions for Monthly activities conducted by SAST Institutions,	2023 Jan – 2024 May
18	UG Internship coordinator	2024-25, 2025-26
19	Technical Seminar Coordinator Technical Review committee member,	2025-26
20	MTech Coordinator-Structural Engineering, UG Class Teacher work. Stock verification coordinator (Central library& Individual department Library)	2025-26
21	Session Chair, Journal Paper Reviewer, Coordinator, Journal book chapter publisher in the 3rd ICETEA-2025 Organised by SJCIT Management. 10 journal papers	2025-26

22	Project work evaluator for UG 7th & 5 th semester Students in Project Open House (AAVISHKAR-2025) & National Conference on Emerging Technologies in Multidiscipline Engineering (MANTHANA-2025)	2025
23	College level VTU Regional office & SJCIT Exam section Coordinator	2025-26

Ph.D. award (2023-24)

Received Ph.D. award (2023-24) from **Parama Poojya sri sri sri Dr.Nirmalanandanatha Maha Swamiji** @SJCIT on Graduation Day in the presence of **Principal: Dr.G T Raju, SJCIT**

Appreciation Certificate & Cash price distribution for **100% results** from the year 2014 to 2016 & 2022-23 from **Parama Poojya sri sri sri Dr.Nirmalanandanatha Mahaswamiji** @SJCIT



Details of Paper Presented / Published (National / International Conference) with Scopus Index

1. Published journal paper title “**Experimental Investigations on Recycled Concrete with fly ash and RCA**”, Journal Name: (Cosmos) ISSN:0970-1052- ISSN:2320-317X Indexing: **Scopus(Q4)**, Google Scholar, ISSN:0970-1052- ISSN:2320-317X Publication: **Jan 2025**.

2. Published a journal paper on title: “**Water Quality Analysis & Comparative Study of Selected Rivers in Karnataka**”, International Journal of Research Publication and Reviews, Vol (6), Issue (5), **May (2025)**, Page –13846-13855, International Journal of Research Publication and Reviews Journal homepage: www.ijrpr.com ISSN 2582-7421, Print version ISSN: 0970 1052. Online version ISSN: 2320 317X.

3. Published a Journal paper on title-“**Experimental study on fibre reinforced concrete for sustainable construction**”
Journal Name: Library Progress International, Vol.44 NO.3, **JULY-DEC-2024**:P.21545-21554, Impact Tracker: 5.968 (Cosmos)ISSN:0970-1052, OnlineVersion-ISSN2320, Online version ISSN:2320-317X Indexing: **Scopus(Q4)**, website:www.bpasjournals.com

4. Published a paper on “**Experimental study on mechanical strength and durability of glow-in-dark concrete**” in an UGC-CARE Approved Group-II GRADIVA REVIEW JOURNAL, Volume 8, Issue 6, and **JUNE 2022**. Journal, ISSN NO:0363-8057/Website:http://gradivareview.com/Email: Submit grjournal@gmail.com, Impact factor 6.1 Published in **Scopus Index Journal**. DOI:10.37897/GRJ

5. Published a paper on “**Study On Durability Of Concrete Using Foundry Sand As An Alternative Material To Fine Aggregate**” in an UGC-CARE Approved Group-II GRADIVA REVIEW JOURNAL Volume 7, Issue 10, October 2021. Journal ISSN NO:0363-8057/Website:http://gradivareview.com/Email:Submitgrjournal@gmail.com Published in **Scopus Index Journal**.

6. Published a paper on “**Study On Dynamic Behaviour Of Irregular R.C Framed Structures With Different Location Of Shear Walls**” in the International conference on Innovative and sustainable Technologies in Civil Engineering (ISTCE 2021) organized by the Department of Civil Engineering. Bapatla Engineering College, Bapatla, held between **September 24th and 25th, 2021**. Published in **Scopus Index Journal**.

7. Published a paper on “**Feasibility study on strength and flexural behaviour of R C beams with foundry as fine aggregate**” at 2nd International Conference on **25th & 26th July 2019**, AIP & Springer conference proceedings partners 2204, 020020(2020) <https://doi.org/10.1063/1.5141557> at Nitte Meenakshi institute of Technology, Bangalore, India, a **Scopus Index Journal**.

8. Participated and Presented a paper titled “Effect of Dolomite powder and glass fiber on Mechanical strength Properties of Concrete” in the 3rd International conference on Emerging trends in Science and Technologies for Engineering Systems ICETSE-2020, Organized by SJCIT Chickballapur on 19.07.2020, Published in **Scopus Index Journal**.

9. Participated and Presented a Paper on “Influence of Metakaolin & Basalt fibers on Strength and Durability of Concrete –An Experimental approach in 3rd International Conference on Emerging Trends in Science and Technologies for Engineering system held on 19.07.2020 Published in **Scopus Index Journal** at SJCIT Chickballapur.

10. Participated and Presented a Paper Titled “Investigation on Strength and flexural study of RC beams with Foundry sand used as an alternative material of fine aggregate” in third International conference on Emerging trend in Science and Technologies for Engineering Systems held on 19.07.2020 at SJCIT, Chickballapur. Published in **Scopus index Journal**.

Shortly Published Journals:

1. Shortly published Springer Journal Q2- Journal Scopus Indexed and Web of Science indexed journal. Paper title: “Influence Alum Sludge on the Mechanical Performance, Durability and Life Cycle Cost Assessment of Sustainable Concrete”. Journal Name: Springer-Journal of Building Pathology and Rehabilitation Journal Scopus link:<https://www.scopus.com/sourceid/21101046769>.

2. Shortly published Journal Scopus Indexed (Q4) and Web of Science indexed journal. Paper title: “Development of an Advanced Bio-Gel System for Simultaneous Concrete Crack Repair and Reinforcement Corrosion Mitigation. Journal Name: AIP PUBLICATIONS.

3. Shortly published Journal Scopus Indexed Journal, Title: “Influence of Nano-Silica and Metakaolin on the Mechanical Properties of High-Performance Concrete”. Journal Name: AIP PUBLICATIONS. Journal Scopus link: <https://www.scopus.com/sourceid/26916>.

4. Shortly published Journal Scopus Indexed Journal, Title: “Perfomance Evaluation of High Strength Concrete Using Supplementary Cementaceous Materials””. Journal Name: AIP PUBLICATIONS. Journal Scopus link: <https://www.scopus.com/sourceid/26916>.

Details of Paper Presented / Published (National / International Conference)

1. Published a "Water Quality Analysis & Comparative Study of Selected Rivers In Karnataka", International Journal Research Publication and Reviews, Vol (6), Issue (5), May (2025), Page – 13846-13855, International Journal of Research Publication and Reviews Journal homepage: www.ijrpr.com ISSN 2582-7421, Print version ISSN: 0970 1052. Online version ISSN: 2320 317X

2. Published a paper titled "Flexural behavior of RC beams using foundry sand as partial replacement of fine aggregate" IJRET, Vol 5, Issue 8, August 2016 P-ISSN 2321-7308, Aug 2016.e-ISSN:2319-1163/p-ISSN:2321-7308/www.esatjournals.org/ijret/editor@esatjournals.org,eSATJournals/Eeb:www.esatjournals.org/ Email:editoe@esatjournals.org, **Impact factor- 3.935** by ISRA, INDEX COPERNICUS VALUE-49.63, **DOI: 10.15623/ijret**, ISO-9001-2008 Certified Organization.

3. Published a paper titled "Investigation On Behavior Of RCC Beams With Used Foundry Sand As Alternative Material For Natural Sand" IJRET Volume-05 Issue-06, June 2016. e-ISSN:2319 -1163/p-ISSN:2321-7308/Web:www.ijret.org/E mail:editor@ijret.org EsatJournals/ Web:www.esatjournals.org/Email:editor@IJRET.org, **Impact factor - 3.127** by ISRA, INDEX COPERNICUS VALUE-5.46, **DOI: 10.15623/ijret**, ISO-9001-2008 Certified Organization.

4. Published a paper titled "Planning And Tracking Of A Project In A Construction Industry" paper ID 20160506295 is published in IJRET Volume-05 Issue-06 June 2016. e-ISSN:2319-1163/p-ISSN:2321-7308/Web:www.ijret.org/E mail:editor@ijret.org eSATJournals/Web:www.esatjournals.org/Email:editor@IJRET.org, **Impact factor - 3.127** by ISRA, INDEX COPERNICUS VALUE-5.46, **DOI: 10.15623/ijret**, ISO-9001-2008 Certified Organization.

5. Published a paper titled "Strength behavior of foundry sand on modified high strength concrete" IJRET Vol-4,Issue-5, May 2015. e-ISSN:2319-1163/p-ISSN:2321-7308/Web:www.ijret.org/E mail:editor@ijret.org, e SAT Publishing House / Web:www.esatonline.com/ Email:editor@esatonline.com, **Impact factor - 2.375** by ISRA, INDEX COPERNICUS VALUE-5.20, **DOI: 10.15623/ijret**, ISO-9001-2008 Certified Organization.

6. Published a paper titled "Flexural behavior of RC beams by partial replacement of natural sand with foundry sand .published in IJRET journal, Vol 4, Issue 6, P-ISSN 2321-7308. Aug 2015. e-ISSN:2319-1163/p-ISSN:2321-7308/ Web:www.ijret.org/ / Email: editor @ ijret.org, e SAT Publishing House, Web:www.esatonline.com/ /Email:editoe@esatjonline.com, .IJRET, **Impact factor - 2.375** by ISRA, INDEX COPERNICUS VALUE-5.20, **DOI: 10.15623/ijret**, ISO-9001-2008 Certified Organization

7. Published a paper titled "Effective Planning And scheduling of a residential building with proper risk analysis" a paper is published in IJRET journal, Volume-05 Issue-06, June 2016.e-ISSN:2319-1163/p-ISSN:2321-7308/Web:www.ijret.org/Email:editor@ijret.org,EsatJournals/Web:www.esatjournals.org/Email:editoe@esatjournals.org. IJRET, **Impact factor - 3.127** by ISRA, INDEX COPERNICUS VALUE-5.46, **DOI: 10.15623/ijret**, ISO-9001-2008 Certified Organization.

8. Participated and presented a paper on " Investigation on strength of flexural study on RC beams with foundry sand used as an alternative material", in the 3rd international Conference on recent research emerging trends in mechanical and civil engineering", (ICRRETMCE-2019) held on 12th & 13th July 2019 at Reva University, Bangalore.

9. Participated and presented a paper on "Compressive Strength and flexural test on M20 & M30 Grade of R C Beams", in the 3rd international Conference on recent research emerging trends in mechanical and civil engineering", (ICRRETMCE-2019) held on 12th & 13th July 2019 at Reva University, Bangalore.

10. Presented paper entitled "Comparative study of seismic behaviour of RCC building frames with and without masonry infill " in international conference on Emerging trends in science and technology, IEAE on 11th and 12th Jan 2018 at SJCIT, Chickballapur.

11. Published a paper titled "Comparative study of compressive strength of foundry sand in concrete" at SJCIT, Chickballapur on 22nd April 2016.

12. Published a paper in National Conference on Recent Advances in civil engineering, paper titled "Experimental Study On Autoclaved Aerated Concrete Blocks in Manthana 21 Organised by the department of civil engineering, S J C I T, Karnataka, India in association with I I P on 28th August 2021.

Design Patents Grants

1. Received Indian Design Patent Grant, Patent title “**ARTIFICIAL INTELLIGENCE BASED DIGITAL SPIRIT LEVEL FOR CONSTRUCTION**”, Global Research Academy, Hyderabad, An **MSME Enterprise, Ministry of MSME, Government of India**. Certified under the “International Organization for Standardization ISO 9001: 2015.Design No:427899-001.Grant Date:28.11.2024, Date of Registration:23.08.2024



2. Received UK Design Patent Grant, International Patent Title: “**AI based Concrete Rebound Hammer**” Design number: 6466482, Grant date: 01 September 2025, Date of Registration: 19.08.2025



Intellectual
Property
Office

Certificate of Registration for a UK Design

Design number: 6466482

Grant date: 01 September 2025

Registration date: 19 August 2025

This is to certify that,

in pursuance of and subject to the provision of Registered Designs Act 1949, the design of which a representation or specimen is attached, had been registered as of the date of registration shown above in the name of

Javed Mallick, Mohd Ahmed, Babji Malineni, Alok Rathore, Shri Ramendra

Pandey, Dr. Saurabh Kumar, Dr. Krishna Kumar Singh , Dr. Shashi Kumar

Adavappa, Dr. Modachur Karuppusamy Soundarya , Darshan Paresh Kumar

Joshi

in respect of the application of such design to:

AI BASED CONCRETE REBOUND HAMMER

International Design Classification:

Version: 15-2025

Class: 10 CLOCKS AND WATCHES AND OTHER MEASURING INSTRUMENTS, CHECKING AND SIGNALLING INSTRUMENTS

Subclass: 04 OTHER MEASURING INSTRUMENTS, APPARATUS AND DEVICES



Adam Williams

Adam Williams

Comptroller-General of Patents, Designs and Trade Marks
Intellectual Property Office

The attention of the Proprietor(s) is drawn to the important notes overleaf.

3. Received Indian Design Patent Grant, Patent Title: **AI Based Ultrasonic Pulse Velocity Tester for Concrete**, Global research Academy, Hyderabad, An MSME Enterprise, Ministry of MSME, Government of India, **Design No. 474069-001**, Certified under the "ISO 9001:2015". The **Granted Date:01/01/2026. Date of Registration:18.09.2025**



4. Received Indian Design Patent Grant, Patent Title: **AI Based Concrete Crack Width Detection Device**, Global research Academy, Hyderabad, An MSME Enterprise, Ministry of MSME, Government of India, **Design NO. 491372-001**, Certified under the “ISO 9001:2015”. The **Granted Date:23.04.2026**, **Date of Registration:17.02.2026**



5. Received Indian Design Patent Grant, Patent Title: **AI Based Robotic Total Station**, Global research Academy, Hyderabad, An MSME Enterprise, Ministry of MSME, Government of India, **Design NO:482464-001** Certified under the “ISO 9001:2015”. **Granted Date:05.02.2026, Date of Registration: 02.12.2025**

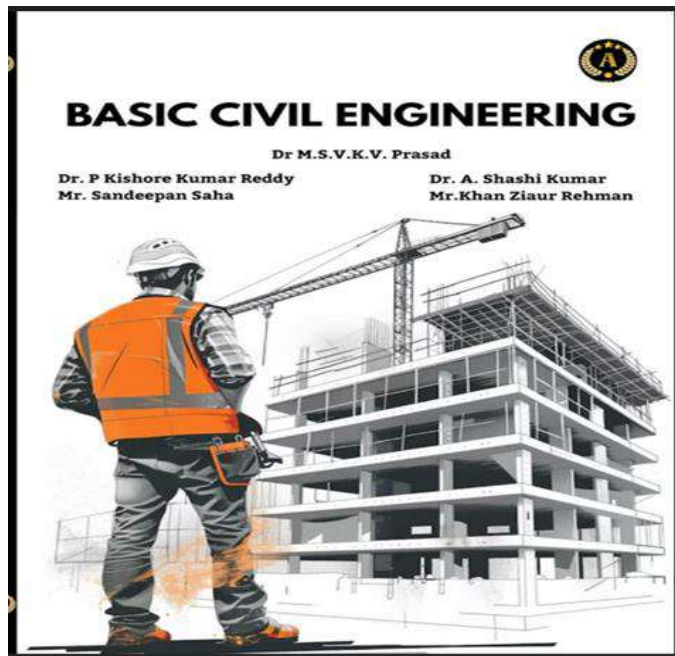


PATENTS FILED:

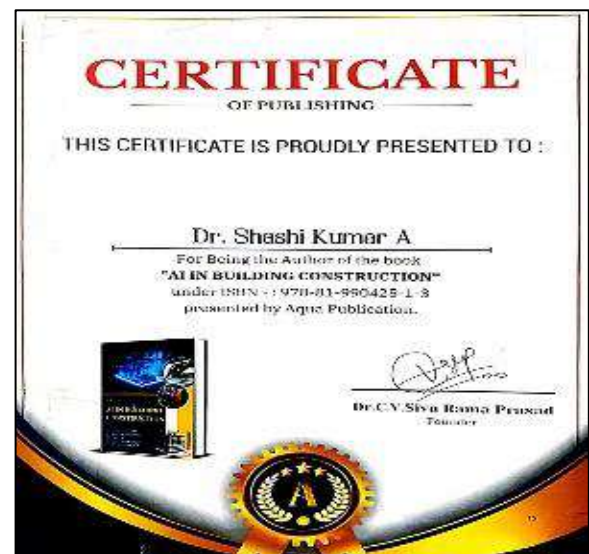
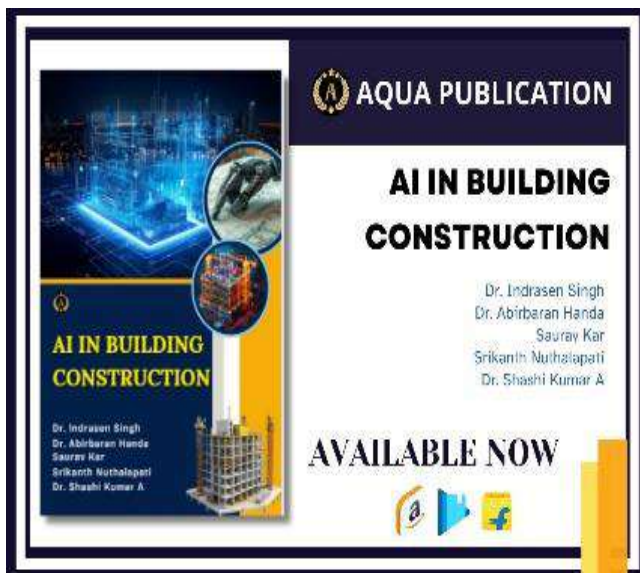
1. Filed an Indian patent grant on “AI powered structural crack detection robot” on 02/03/2026.
2. Filed an UK Design patent Grant on “Solar Energy Generation Predictor Device with Weather Integrated Analytics” on 2nd/April/2026.
3. Filed an Indian patent Grant on “SYSTEM AND METHOD FOR SMART IRRIGATION INTEGRATED WITH CIVIL ENGINEERING INFRASTRUCTURE” on 26/03/2026.
4. Filed for Indian design patent grant, patent title: “Real-Time Environmental Monitoring and Predictive Weather Analysis.”

Text book Publications

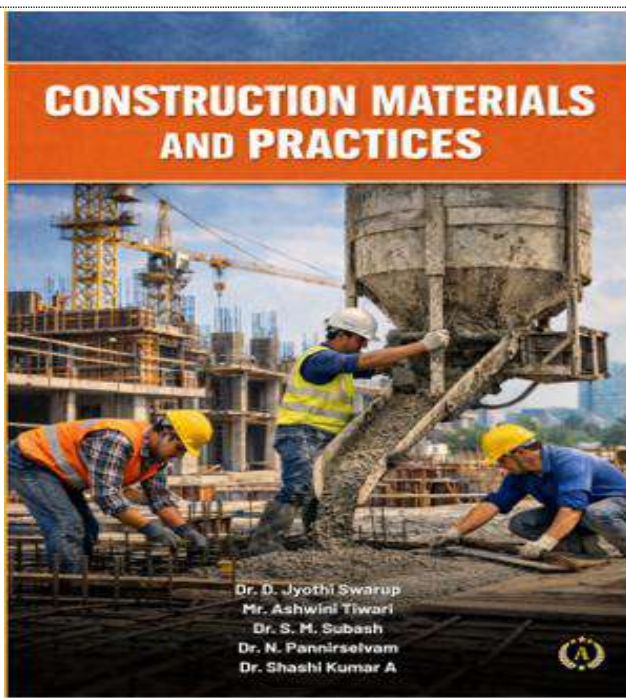
1. Published a text book on “BASIC CIVIL ENGINEERING” Aqua publications, Available @ AMAZONIN: <https://www.amazon.in/dp/B0DGRSL68L> GOOGLEPLAY BOOK LINK:FLIPKART: <https://www.flipkart.com/basic-civil-engineering/p/itm38418bf91d017?pid=9789361752681>



2. Published a text book on “AI IN BUILDING CONSTRUCTION” Aqua publications, Available @ Website: <http://www.aquapublishers.com/> Email: editor@aquapublishers.com. ISBN: 978-81-990425-1-3



3. Published a text book on “CONCRETE 4.0 AI in for the CONSTRUCTION INDUSTRY” Aqua publications, Available @ Website: <http://www.aquapublishers.com/> Email: editor@aquapublishers.com. ISBN: 978-93-47184-62-84. Shortly published a text book on” BUILDING MATERIALS & TECHNOLOGIES” Aqua publications, Available @ Website: <http://www.aquapublishers.com/> Email: editor@aquapublishers.com



UG KSCST Student Project Funding & prize

UG Project work on topic “Experimental study on mechanical strength and durability of glow-in-dark concrete” has been approved and sponsored amount of **Rs.6000/** from KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY (KSCST) on 20/07/22 in 45th series of student Project Programme (SPP):2021-22.

UG Project work on topic “Experimental study on mechanical strength and durability of glow-in-dark concrete” won the 2nd prize of amount **Rs.2500/-** from DON BOSCO INSTITUTE OF TECHNOLOGY (DBIT) in National Level Inter College Project Competition (online)-TEXPO-2022 In association with KSCST & KSTA On 20/07/2022

COORDINATORSHIP:

1. Worked as a COORDINATOR for an Industry expert interaction about "Recent trends in construction technology" Resource person: Mr. Kupendra, Technical head, Dalmia Cements conducted on 06/03/2026 for 6th semester Civil engineering students.

1. Worked as a Faculty Coordinator for **3 weeks** "Intra Institutional Internship (III)" conducted for 3rd semester students of NEP-2020 Scheme Organized by SJC Institute of Technology, Chickballapur from 12.10.2022 to 29.10.2022.

2. I along with the students of 4th sem` B`section were taken on Industrial visit to “ACC PLANT” at Thondebhavi, Gouribidanur (T) On 10.4.2014, 60 students were taken along with 4 staff members

3. Research lab was visited by Mr. SHASHIKUMAR A along with 8 Staff members and 33 M.Tech students (CSE and IEM) at **SERC Chennai**.

4. Successfully Co-ordinated Innerv 2K22 inter-college technical fest organized by Innerv club department of Civil Engineering, SJCIT held on 3rd June 2022.

National/ International WorkShops/ Seminars /Conferences Attended (5 days to 1 week)

1. Attended for 5-day FDP On “AI&ML: Awareness & Applications” Organized by the departments of CSE(AI&ML) & Held on February 27-01- 2026 to 31-01-2026 @SJCIT, Chickballapur.

1. Participated in the online **5 days** faculty development Program on " **2nd series of Geotechnical Engineering Practices and its Sustainable development 2K24**" organized by **Organizing Committee**, Department of Civil Engineering, Ballari Institute of Technology & Management, Ballari-583104 held b/w 18/06/24 to 22/06/24

2. Attended **5 days** Online faculty development program Organized by Sir MVIT, Dept. of Civil Engineering, on titled “Sustainable Construction Materials, Practices and Technologies” organized by Dept. of Civil Engineering held from 18.03.2024 to 22.03.2024

3. Participated in **5-days** hands-on International workshop in the Science and Engineering Research Board on “Drone survey, Photogrammetry and Digitalization of Maps for Engineering Applications” Organized by Dept. of Civil Engineering, Presidency University, School of Engineering, Bangalore on 21/08/2023 to 25/08/2023

4. Attended **5 days** AICTE sponsored virtual DCP – Training Program on “SBC of soils & early distress of bridges”, Organized by dept. of Civil Engg., SJCIT, Chickballapur, held on 21st to 26th Sept 2021.

5. Attended **5 days** faculty development program sponsored virtual DCP - training program on “SBC of soils & early distress of bridges”, organized by Dept. of Civil, SJCIT, which held from 21st to 26th Sept 2021.

6. Attended **One Week** Faculty Development Program on “Modern Approach for Structural Design and Construction (MASDAC-2021)” Organized by Department of Civil Engineering, Bangalore Institute of Technology, from 26th April to 1st May 2021.

7. Attended **ONE WEEK** (16th to 20th MAY 2022) AICTE-VTU joint Teachers Training program on “An Overview of Teaching Techniques in Earthquake Resistant Structures”, Organized by VTU Human Resource Development Center(VTU-HRDC),Center for PG studies,VIAT, Muddenahalli, Chickballapur :District-562101

8. Participated in Teqip-III sponsored **one week** online short-term course on “Construction materials and methods in civil engineering” organised by Dr B R Ambedkar Institute of Technology e Jalandhar Punjab from 25.08.2020 to 29.08.2020.

9. Attended **5 days** Faculty development program on “Stability of structures and applications of FEM” at BMS Institute of Technology and Management from 23rd to 28th Jan 2017.

10. Participated in the online **5days** faculty development Program on “Advancement In Concrete Technology (AICT 2022)” organized by Bellary Institute of Technology & Management, Department of civil Engineering, in association with IQAC Cell, BITM, Ballary held b/w 19.12.2020 to 23.12.2022.

11. Participated in the **5 days** hands-on workshop on “Drone survey, Photogrammetry and Digitization of maps for Engineering Applications” Organized by the department of Civil engineering, Presidency college, Bangalore.

12. Participated in the online **5days** faculty development Program on “Research advances in civil Engineering” organized by Jyothi Institute of Technology Bangalore held b/w 27.07.2020 to 31.07.2020

13. Participated on **1-week** National level technical online quiz series organized by Srujan Forum of civil Engineering department Acharya Institute of technology from 22.07.20 to 26.07.2020.

14 Participated in **5days** online Faculty development Programme on “Sustainability aspects and recent trends in Civil Engineering –The future Scenario” Organized by the department of Civil Engineering in Association with paradigm environmental strategies (P)ltd, Bangalore from 14.07.2020 to 18.07.2020.

15 Participated in **3days** online staff development program on “Skill development in Civil engineering laboratories”, Organized by Dept of Civil Engineering from 8th to 10th July 2020.

16. Participated in 3-day workshop on BIM organized by EDSCA ON 18TH March ,2026 at SJCIT, Civil Engineering Department.

National/ International WorkShops/ Seminars /Conferences Attended (2 days to 3 days)

1.. Attended for 2-days Workshop On “METAPHYSICAL SCIENCE” Organised by CSE & CDCAC Held on 5th & 6th February 2026 @ SJCIT ,Chickballapur.

2. Worked as a Faculty Coordinator for **3 weeks** "Intra Institutional Internship (III)" conducted for 3rd semester students of NEP-2020 Scheme Organised by SJC Institute of Technology, Chickballapur from 12.10.2022 to 29.10.2022.

3. Attended **3 days** International Conference on “Nirman 2019-rediscovering our roots, architecture and Engineering

Continuum in Transformations” at Nirmhans convention Centre, Bangalore from 10th to 13th April 2019.

4. Participated in **3 days** faculty development Program on “Geo Technical Engineering practices & its sustainable development” organized by Bellary Institute of Technology & Management, Department of civil Engineering, in association with IQAC Cell, BITM, Bellary held b/w 26.05.2020 to 28.05.2022.

5. Participated in **3days** online staff development program on “Skill development in Civil engineering laboratories”, Organized by Dept of Civil Engineering from 8th to 10th July 2020.

6. Participated in **3days** faculty development program on “Research Methodology and LaTeX” from 18th to 20th June 2020 Organized by East West college of Engineering Yelahanka Newtown Bangalore

7. Participated in the **3days** Webinar On “Sustainable Construction” Organized by IGBC –student chapter, department of Civil Engineering BMS college of Engineering Bangalore held from 11th to 13th June 2020.

8. Participated in **2days** National Seminar and exhibition on Recent development in Design and Construction Technologies of “Urban challenges and Civil Engineering Opportunities” held during 27th & 28th Feb 2020 at Nimhans Convention Centre, Bengaluru, India.

9. Attended **2 days** national seminar on “Research Avenues and Practical Applications in Concrete Technology”, which is scheduled 25th & 26th Oct 2019 @ BMS Colleges of Engineering. Bangalore.

10. Attended **Two days** Training program on ISO 9001:2015 by Mr. B L Ravi, Bureau Veritas, Bangalore organized at SJCIT, Chickballapur on 21st & 22nd March 2016.

11. Attended a **Two days** National Seminar on “Concrete Admixtures and Waterproofing Systems”. Organized by ICI – KBC [Indian Concrete Institute – Karnataka Bangalore Center] on 25-02-2016 & 26-02-2016 at Nimhans Convention centre, Bangalore. – 59 M.Tech students of IEM & CSE(2nd & 4th Sem) attended the program.

12. Attended **2 days** workshop on “Research Methodology” at RYMEC, Bellary, from 22nd to 23rd Feb 2018 organize by R & D Cell, RYMEC, Bellary.

13. Attended **Two days** FDP on VTU Thesis & Research Paper Writing using LaTeX Software at SDMIT, Ujre, Dharmasthala, Karnataka on 24th & 25th September 2018.

National/ International WorkShops/ Seminars /Conferences Attended (1day)

1. Attended One day International Webinar Series on topic “Final Cover Systems for Landfills Using Geosynthetics” Organized by ILLINOIS, CHICAGO on 30-01-2026, Dr. Ricardo C.de Abreu, Principal, L.L.C. Baton Rouge, Louisiana, USA.

2. Attended One day International Webinar Series on topic “From Waste to Resource: Integrated Approaches to Sustainable Remediation Management and Beneficial Reuse of Dredged Sediment and Sludge” Organized by Krishna R Reddy, ILLINOIS, CHICAGO on April 10th 2026, Dr. Ahmed Benamer, Professor, Department of Civil Engineering & Geo Environmental Engineering, University of Le Harve-Normandie France.

3. Attended One day International Webinar Series on topic “Engineering Interventions for Urban Landfill Safety: Emissions, Fires and Long-Term Stability” Organized by ILLINOIS, CHICAGO on 23-01-2026, Dr. Ashootosh Mandpe, Assistant Professor, Department of Civil Engineering, IIT, Indore, India

4. Attended One day International Webinar Series on topic “Role of Biochar in Advancing Circular Economy Approaches to Energy and Environmental Systems” Organized by ILLINOIS, CHICAGO on 17-01-2026, Dr. Brajesh K. Dubey, Professor, Department of Civil Engineering, IIT, Kharagpur, India

- 5.** Attended One day International Webinar Series on Geoenvironmental Engineering, Sustainability, and Resiliency on topic “Microplastics Derived from Traditional Fossil Fuel -Based Sources-Fate, Transport, and its Greener Alternatives” Organized by ILLINOIS, CHICAGO on 26-04-2024, Dr. Brajesh K. Dubey, Professor, Department of Civil Engineering, Chairperson -School of Water Resources, Indian Institute of Technology Kharagpur, India
- 6.** Attended One day International Webinar Series on Geoenvironmental Engineering, Sustainability, and Resiliency on “Microbial-mineralization in Soil: Applications in Geotechnical and Geoenvironmental Engineering” Organized by ILLINOIS, CHICAGO on 25-04-2024, Speaker: Dr. Ning-Jun Jiang, Professor, Institute of Geotechnical Engineering, Southeast University, Nanjing, China
- 7.** Attended One day International Webinar Series on Geoenvironmental Engineering, Sustainability, and Resiliency on topic “Case Histories of The Impacts of Natural Chemical and Microbiological Processes in Geotechnical Engineering” Organized by ILLINOIS, CHICAGO on 18-04-2024, Speaker: Dr. Stephan Jefferis, Visiting Professor, Department of Engineering Science, University of Oxford and Director, Environmental Geotechnics Limited, Adderbury, Banbury, UK.
- 8.** Attended One day International Webinar Series on Geoenvironmental Engineering, Sustainability, and Resiliency on topic “Enhanced Contaminant Containment Performance of Innovative Vertical Barriers” Organized by *Department of Civil, Materials, and Environmental Engineering University of Illinois Chicago, USA* ILLINOIS, CHICAGO on 28-03-2024, Speaker: Dr. Yan-Jun Du, Professor and Director, Institute of Geotechnical Engineering, Southeast University, Nanjing, China
- 9.** Attended one day Webinar on “Understanding Rainwater Harvesting and Ground Water Recharge- Why,How and What” organized by Ultra Tech cement Ltd.on 24.01.2024.
- 10.** Attended one day Webinar on “Importance of Sustainability in Building Homes” organized by Ultra Tech cement Ltd.on 10.01.2024.
- 11.** Attended one day Webinar on “Design and Construction Aspect of Thin White Topping Technology for Roads” organized by Ultra Tech cement Ltd.on 09.09.2023.
- 12.** Attended one day Webinar “Challenges in Making Durable Concrete” organized by Ultra Tech cement Ltd.on 30.08.2023
- 13.** Participated in one-day International workshop on “Waste Water Infrastructure Design”, Organized by Dept. of Civil Engineering, Easwari Engineering College on 13th Sept 2021 SRM Group of Education Institutions Chennai.
- 14.** Attended one-day Webinar on “Construction of Baha'i' house of worship-lotus temple” organized by Ultra Tech cement Ltd.on 22.05.2021.
- 15.** Attended one-day “Soft Skills training program for faculty”, Organised by Department of Electronics and Communication Engineering, SJCIT, Chickballapur, On 20.05.2021.
- 16.** Attended one-day "Intellectuals property rights(IPR) and IP management for startup", Organised by Institute Innovation Council &Department of Electronics and communication Engineering, SJC Institute of Technology, Chickballapur on19.05.2021.
- 17.** Attended one-day Webinar on “Overview of Geotechnical Investigations with Case Studies" held on 12.05.2021.
- 18.** Attended one-day Webinar on “Introduction to UHPC” organized by QCRETE READYMIX (INDIA) PVT LTD on 28.04.2021.
- 19.** Attended one-day Webinar on “Composite building - design detailing and construction”, organized by ASSOCIATION OF CONSULTING CIVIL ENGINEERS (INDIA on 17.04.2021
- 20.** Attended one-day Webinar on “Pre-engineered steel building design, detailing and execution”, organized by

ASSOCIATION OF CONSULTING CIVIL ENGINEERS (INDIA on 10.04.2021

21. Participated in **one-day** webinar on “importance of waterproofing in buildings” organized by civil engineering department SJCIT Chickballapur, held on 07.10.2020.
22. Participated in one-day webinar on “Contracts and Tendering” organized by department of civil engineering associate Chickballapur 30.09.2020.
23. Participated for one-day webinar on “Scientific writing for journal” organized by Springer nature in collaboration with VTU sorry term on 30.09.2020.
24. Participated in one-day online webinar on “Non-destructive evaluation of reinforced green concrete structures: nondestructive testing methods”, organized by Q Crete ready mix India Private Limited on 26.09.2020.
25. Participated in one-day international webinar on “Smart and sustainable citizen India (issues and challenges) delivery by professor MN Srihari on 19.09.2020 organized by JSS Academy of Technical Education Bengaluru department of civil engineering and ICI Bengaluru center.
26. Participated in one-day International webinar on “Construction aspect of rigid pavement”, organized by SJCIT Chickballapur on 20.08.2020.
27. Participated in one-day webinar on “Signature Bridge at Delhi planning and design”, organized by great ready mix India Private Limited on 17.08.2020.
28. Participated in one-day webinar on “Turnitin online in campus user awareness program on academic integrity” organized by civil department of ISE, SJCIT in Association with SJCIT Central library in 13.08. 2020.
29. Attended one day seminar on “High Strength Concrete” on 13th Feb 2019 at Capital Hotel, Bangalore, organized by Indian Concrete Institute (ICI), Bangalore Centre, Karnataka.
30. Participated in one day online webinar on “Applications of UHPC in India” Organized by Qcrete Ready mix (India) Pvt. Ltd on 29th April 2022. 27. Participated in **one day** online webinar on “Low Carbon Concrete ”, Organized by Qcrete Ready mix (India) Pvt. Ltd on 13th MAY 2022.
31. Participated in one day the online webinar on “Forensic Engineering-Concept and Cases”, Organized by Ultra Tech Cement Ltd. on 17th SEPT 2022.
32. Participated in one day the online webinar on “Relevance of Site Effect for Earthquake Resistant Construction”, Organized by Ultra Tech Cement Ltd. on 10th JUNE 2023.
33. Participated in one day online webinar on “Engineering & Doctoring of Structural materials and structures”, Organized by Ultra Tech Cement Ltd. on 27th MAY 2023.
34. Participated in one day online webinar on “Good Construction Practices for Home Building”, Organized by Ultra Tech Cement Ltd. on 17th MAY 2023.
35. Participated in one day online webinar on “Box Jacking with Soil Nailing for Construction of Rail/Road Underpass”, Organized by Ultra Tech Cement Ltd. on 13th MAY 2023.
36. Participated in one day online webinar on “Case Studies on Rehabilitation Measures For Bridges”, Organized by Ultra Tech Cement Ltd. on 6th MAY 2023.
37. Participated in one day online webinar on “Earthquake Resistant Homes”, Organized by Ultra Tech Cement Ltd. on 3rd MAY 2023.
38. Participated in one day online webinar on “A Rainwater Harvesting –A Homebuilding essential today”, Organized by Ultra Tech Cement Ltd. on 22nd MARCH 2023.
39. Participated in one day online webinar on “A Rainwater Harvesting –A Homebuilding essential today”, Organized

by Ultra Tech Cement Ltd. on 22nd MARCH 2023.

40. Participated in one day online webinar on “Cement Manufacturing Process & QA/QC”, Organized by Ultra Tech Cement Ltd. on 14th JAN 2023.

41. Participated in one day online webinar on “Standards makes Cities Smarter”, Organized by Ultra Tech Cement Ltd. on 18th June 2022.

42. Participated in one day National level online webinar on “NANOMATERIALS FOR ENGG APPLICATIONS” organized by Chemistry department, SJCIT, Chickballapur held on 30.08.2022.

43. Participated in one day online webinar on “White Topping & RMD Technology”, Organized by Ultra Tech Cement Ltd. on 1st July 2023.

44. Participated in one day online webinar on “New Age Additives for Concrete and Cement”, Organized by Qcrete Ready mix (India) Pvt.Ltd on 21st October 2022.

45. Participated in one day online webinar on “Introduction to Green Concrete”, Organized by Qcrete Ready mix (India) Pvt.Ltd on 19th August 2022.

46. Participated in one day online webinar on construction safety and management” organized by Civil Engineering Department, CIT Gubbi held on 28.07.2020.

47. Participated in one day webinar on “Hot and Cold Weather Concreting” Organized by Qcrete Ready mix (India Pvt. Ltd) on 27.07.2020.

48. Participated in one day expert lecturer on “Misconceptions and facts about ready mix concrete” Organized by ICI – Bangalore centre on 25.07.2020.

49. Participated in one day Quiz on “Reinforced Concrete and steel structures ”Organized by Civil Engineering Department ,CIT , Gubbi Held on 22.07.2020 with score of 90%.

50. Participated in one day Expert lecture on “Relevance of Engineering Knowledge in resolving dispute arising in construction industry organized by ICI Bangalore and Don Bos CD college of Engineering Bangalore on 21.07.2020.

51. Participated in one day online Webinar on “understanding Metakaolin” organized by Qcrete Ready mix (India Pvt ltd) on 20.07.2020

52. Participated and successfully completed the one day E-Quiz On “Finite Element Analysis” Conducted by Dept. of CiviEngg, SJCIT, Chickballapur On 11th July 2020.

53. Attended one day Webinar on “BIM in Construction management” Organized by department of Civil Engineering, Sai Vidya Institute of technology, Bengaluru-64 in association with Academy for Construction excellence held on 2nd July 2020.

54. Participated for one day webinar on “Hot and cold Weather Concreting”, Organized by Qcrete Ready mix (India) Pvt.Ltd on 27th June 2020.

55. Participated in one day webinar on “3D pointing of concrete” Organized by department of civil Engineering, M S Ramaiah institute of Technology, Bengaluru in association with ICI,bangaluru Centre Karnataka on 25th June 2020.

56. Participated in one day Technical webinar on “Project management Techniques and quantity Surveying using Primavera and COSTX tools” on 20th June 2020 conducted by Sapthagiri college of Engineering, Bangalore.

57. Participated in one day Webinar on “Wellness Program”, The science of well being, Organized by department of Information Science and Engg Vivekananda Institute of Technology, Bangalore On 17th June 2020.

58. Participated in ONEday webinar on “Sustainable concrete-The road Ahead” Organized by Qcrete redimix (India) Pvt.Ltd on 09.06.2020.

59. Participated in one day Online Quiz Programme and securing 80% on “Awareness programme on Environment and Biodiversity on 07.06.2020 Organized by VidyaVikas Institute of Engg& Technology ,Mysore in collaboration With KSPCB Mysore.

60. Participated in one day webinar Entitled “Wellness program” Organized by dept of civil engineering ACS college of engineering Bangalore on 30.05.2020.

61. Participated in one day Webinar “post COVID-19, Science and Technology” Organized SRM University –AP, in association with India’s national news paper, “THE –HINDU” held on 29th May 2020.

62. Participated in one day online webinar on “use of admixtures for sustainable concretes” On 28th May 2020 organized by ICI Bangalore center.

63. Participated in one day Technical webinar on “Applications of ground improvement techniques a case study” Organized by civil engineering department in association with ICI student chapter &IGS –Bangalore chapter held on 27th May 2020 at Don Basco Institute of technology, Bangalore .

64. Participated in one day Technical Webinar Series on “project planning” organized by department of civil engineering in association with ICI student Chapter &RIT –STRUCTA of Ramko Institute Of Technology, Rajapalyam on 19th May2020.

65. Participated in one day webinar on “Awareness on edmodo” held on 28th April 2020, Conducted by SJCIT Chickballapur, department of E &C.

**SWOC
Analysis**

Strengths

- 1.Handling multiple subject
- 2.Disipline in work
- 3.Motivating students
4. Activities conduction for students to get good results

Weaknesses

- 1.Multiple task

Opportunities

1. Motivated the students to learn through easy methods in teaching.
2. Easy Availability of Hand written notes to students
3. Concentration towards all students’ attendance.
4. Interaction with parents by making calls to their parents

Challenges

- 1.More focus on industrial training for faculty and students.
- 2.Placements

Short & Long-term Goals

Short-Term Goals

- Goal 1: Effectively improving students' reading skills.
- Goal 2: Time-sensitiveness.
- Goal3: Share knowledge to learn something new every day and make a difference in the lives of their students. Teaching is a knowledge sacrifice profession, and teachers’ professional goals often reflect their desire to be agents of positive change.

Long-Term Goals

- Goal 1: Giving track to get higher studies e.g., Master's Degree.
- Goal 2: Awareness /Attention towards educational conferences, participating in workshops & training programs.