

Format for Faculty Members
(A detailed Academic CV)



Name: Brijbhushan S

Qualification: B.E (Civil Engg.), M.Tech (CCT), (PhD)

Designation: Assistant Professor

Contact Details:

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Position held:

Sl. No.	Institutions	Position held
1	Fichtner Consulting Engineers (India) Pvt. Ltd. 301, 'INDRAPRASTHA EQUINOX', 3rd Floor, No.23, 100' Inner Ring Road, Koramangala, BANGALORE - 560 095. India	Design Engineer Civil 06-08-2010 to 15-09-2012
2	P.D.A College of Engineering, Kalaburagi, 585 102	Assistant Professor 17-09-2012 to 20-12-2013
3	Visvesvaraya Technological University, Centre for Postgraduate Studies, Regional Office Kalaburgi	Assistant Professor 01-01-2014 to till date

Courses Taught:

Sl. No.	Courses Taught
1.	Advanced Construction Materials and Green Buildings
2.	Construction Project Management
3.	Pre Engineered Construction Technology
4.	Ground Improvement Techniques
5.	Advance Concrete Technology
6.	Construction Contracts, Specifications and Estimation
7.	Earthquake Resistant Design of Structures
8.	Building Services & Maintenance
9.	Energy and Buildings.
10.	Construction Economics and Finance
11.	Pavement Materials and Construction

12.	Transportation Engineering I & II
13.	Management and Entrepreneurship.
14.	Repair & Rehabilitation of Structure
15.	Software Application in Construction
16.	Advanced Material Testing Laboratory

Areas of Specialization: Construction Technology

Publications:

INTERNATIONAL JOURNALS PUBLISHED

2015

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- [5]. Pritam.Patil, Rohan.S.Gurav,**Brijbhushan.S**, *Maneeth.P.D*, “To Study the Effect of Untreated Algae, Kitchen and Garage Wastewater on Strength Characteristics of Concrete as Curing Water’s,” International Research Journal of Engineering and Technology (IRJET), volume: 02 issue: 07, pp. 324-329, Oct-2015. <https://www.irjet.net/archives/V2/i8/IRJET-V2I855.pdf>
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2019

[67]. Krishna Murthy H, **Brijbhushan.S**, *Maneeth.P.D*, “An Experimental Research on Partial Replacement of River Sand by Silica Sand and Partial Replacement of Cement by GGBS in Rigid Pavements”, International Journal of Recent Technology and Engineering (IJRTE), Volume-8 Issue-3, September 2019, ISSN: 2277-3878, PP No. 4971-4977. DOI:10.35940/ijrte.C5631.09831

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Engineering (IJRTE), Volume-8 Issue-3, September 2019, ISSN: 2277-3878, PP No. 3813-3819. DOI: 10.35940/ijrte.C5450.098319.

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- [70]. Mr. Shivarajkumr, **Prof. Brijbhushan. S**, **Prof. Maneeth. P.D**, “Subgrade Black Cotton Soil Reinforcement By Bitumen Emulsion With Jute Fibre”, International Journal of Advance Research in Science and Engineering (IJARSE), Volume-8 Issue-09, September 2019, PP No. 65- 77.
- [71]. Abdul Jabbar, **Prof. Brijbhushan. S**, **Prof. Maneeth. P.D**, “An Experimental Research On Properties Of Concrete With Rice Husk Ash And M-Sand”, International Journal of Advance Research in Science and Engineering (IJARSE), Volume-8 Issue-09, September 2019, PP No. 85-92.
- [72]. Md Yousuf, **Prof. Brijbhushan. S**, **Prof. Maneeth. P.D**, “Subgrade Black Cotton Soil Reinforcement By Bitumen Emulsion With Jute Fibre”, International Journal of Advance Research in Science and Engineering (IJARSE), Volume-8 Issue-09, September 2019, PP No. 85- 92.

Conferences, Seminar attended International and National:

NATIONAL CONFERENCE

2018

- [1]. **Maneeth.P.D, Brijbhushan.S, Siddharth.B**, “Optimum Usage Of Hybrid Fibres And Their Impact On Few Mechanical Properties On M30 Grade Of Concrete” National Conference on Smart and Sustainable Construction SASC-2018, 16th May , 2018, Organized by Department of Civil Engineering Adichunchanagiri Institute of Technology, Chikkamagaluru, Karnataka, India. pp. 155-161. ISBN: 978-93-84698-61-4.

INTERNATIONAL CONFERENCE

2017

- [1]. Dinesh Barad, Dr. Shreenivas Reddy Shahapur, **Brijbhushan S, Maneeth P.D**, “Effect of Steel Fiber on M30 Grade Concrete with Varying Percentage of GGBS to the Cement and Replacement of Fine Aggregate by 60% M Sand” Advances & Trends in Civil Engineering (ATCE-2017), 1st September 2017. pp. 61-65, ISBN: 978-93-87769-06-9
- [2]. Ashok Patil, **Brijbhushan S, Maneeth P D**, “Effect of GI Fiber on Strength and Durability Characteristics with Varying Percentage of GGBS to the Cement and Partial Substitution of M-Sand by Natural Sand”, Advances & Trends in Civil Engineering (ATCE-2017), 1st September 2017. pp. 110-115, ISBN: 978-93-87769-06-9
- [3]. Rakesh Patil, **Maneeth P. D, Brijbhushan. S,**” Effect of Steel Fiber on M30 Grade Concrete by Substitution of Fly Ash in Varying Percentage of Cement and Fine Aggregate Replaced by M Sand by 60%”, Advances & Trends in Civil Engineering (ATCE-2017), 1st September 2017. pp. 128-132, ISBN: 978-93-87769-06-9
- [4]. Shafeeq Ahamed, **Brijbhushan S, Maneeth P.D,**” An Experimental Investigation On Steel Fiber Reinforced Concrete With Partial Replacement Of Natural Sand By M-sand”, Advances & Trends in Civil Engineering (ATCE-2017), 1st September 2017. pp. 66-71, ISBN: 978-93-87769-06-9

2018

- [5]. Shaik Dawood Musadiq, **Maneeth P D ,Brijbhushan S** “Use Strength Behaviour Of Concrete Mixture By Partial Replacement Of Harden Molten Recycled Plastic (HMRP) As Coarse Aggregate And Hooked Steel Fiber In M35 Grade Fiber Reinforced Concrete” 2nd International Conference on Recent Development in Science, Humanities & Management. 8th July 2018, Maharashtra Chamber of Commerce, Industries & Agriculture

Tilak Road, Pune (India) ISBN: 978-93-87793-33-0. Pp. No 106-118
<http://proceeding.conferenceworld.in/ICRDSHM/Index.pdf>

- [6]. Mohammed Shareef, **Brijbhushan S, Maneeth P D** “Use Of Waste Polypropylene Pellets In Partial Replacement of Fine Aggregate And Steel Fibers In M35 Fiber Reinforced Concrete” 2nd International Conference on Recent Development in Science, Humanities & Management. 8th July 2018, Mahratta Chamber of Commerce, Industries & Agriculture Tilak Road, Pune (India) ISBN: 978-93-87793-33-0. Pp. No 27-36.
<http://proceeding.conferenceworld.in/ICRDSHM/Index.pdf>
- [7]. Shaik Fabiraz Muzakkir, **Brijbhushan S, Maneeth P D** “STRENGTH EVALUATION OF M35 GRADE OF CONCRETE BY REPLACING FINE AGGREGATE BY GLASS GRANULES IN FRC” 2nd International Conference on Recent Development in Science, Humanities & Management. 8th July 2018, Mahratta Chamber of Commerce, Industries & Agriculture Tilak Road, Pune (India) ISBN: 978-93-87793-33-0. Pp. No 86-96.
<http://proceeding.conferenceworld.in/ICRDSHM/Index.pdf>

Sl.No	Details of paper/poster presentations/conferences and workshops attended	Place	Month and Year	National or International
2013				
1.	“Transmission of Knowledge in Architecture Education”	COA, CDSA Campus Pune	29 th July to 08 th August 2013	National
2.	Workshop on PC Troubleshooting Networking and Sydtem Administration	Poojya Doddappa Appa College of Engineering, Kalaburagi	3 rd & 8 th April 2013	National
2014				
1.	FDP “Role of Teachers: Challenges and opportunities”	VTU, Belgaum	23/02/2014	National
2.	FDP “One Week Workshop on Faculty Skill sets -Discovering the Teacher in You.	VTU, Kalaburagi	08/12/2014 To 13/12/2014	National
3.	VGST “Role of Teacher: Challenges and opportunities in Technology”	VTU, Kalaburagi	07/05/2014 To 10/05/2014	National
4.	NBA “Training of Evaluators on Outcome Based Education and Accreditation” Phase-I	VTU, Kalaburagi	05/03/2014	National
5.	NBA “Training of Evaluators on Outcome Based Education and Accreditation” Phase-II	VTU, Kalaburagi	21/03/2014 To 23/03/2014	National

6.	IPR “One Day Workshop on VTU/VTU Training the Trainer”	VTU, Kalaburagi	18/02/2014	National
2015				
1.	“One Day Workshop on Rainwater Harvesting Interactive Techniques and Strategies”	VTU, Kalaburagi	02/07/2015	National
2.	“VTU Autodesk FDP AutoCAD & Autodesk Inventor	VTU, Kalaburagi	10/05/2015	National
2017				
1.	“One Day Workshop on Use of E-Resources for Teaching and Research”	Poojya Doddappa Appa College of Engineering, Kalaburagi	19/05/2017	National
2.	“Usage of Open Source Software’s in Technical Institutes”	VTU, Kalaburagi	6 th & 7 th October 2017	National
2018				
1.	“One Week Training Programme on Hydrology for Engineering”	VTU, Kalaburagi	29 th January- 3 rd February 2018	National
2.	“New Model Curriculum for PG Course (M.Tech/MBA/MCA) CBCS Detailed Syllabus (2018-19) as per Outcome-Based Education (OBE) format including Course Outcome (CO) and Bloom’s Taxonomy” under TEQIP-1.3 for the Course Civil under Civil Board	BNMIT, Bengaluru	06/08/2018	National
3.	TEQIP 1.3 Sponsored One Week Faculty Enrichment Programme on Fluid Mechanics	VTU, CPGS ,Kalaburagi	27 th to 31 st August 2018	National
2019				
1.	“Feel Teacher” Learning & Development Intervention, VTU Human Resource Development Cell (VTU-HRDC) at VTU, Belagavi from 18 th February 2019 -11 th March 2019.	VTU, Belagavi	09 th Through -11 th March 2019	National

2.	TEQIP 1.3 Sponsored, Twinning Activity, on “Disaster Safe Construction Practices”	Poojya Doddappa Appa College of Engineering, Kalaburagi	03 rd – 07 th September 2019	National
3.	VGST Sponsored Four Days Faculty Development Programme on “ Earthquake resistant Design of Structure”	KBNCE, Kalaburagi	14 th - 17 th October 2019	National
2020				
1.	One Day <i>Webinar</i> on “Assessment and Improving Academic Writing Skills”	Department of Civil Engineering and Computer Science Engg. RYMEC, Ballari, Karnataka in Association with GAP & GAAC	21-05-2020	
2.	<i>Webinar</i> on “Teachers are Leaders”	IQAC Bharati Vidyapeeth College of Engineering, Navi Mumbai	23-05-2020	
3.	<i>Webinar</i> On “ Genius Code-Science of PEAK Performance”	Department of Production Engineering, AISSMS College of Engineering	26-05-2020	
4.	<i>Webinar</i> On “ Advanced Digital Content Creation Tools and Techniques for Education” in Association With The Institute of Engineers(I) & ioCare Pune	Department of Electronics and Telecommunication, AISSMS College of Engineering	31-05-2020	
5.	<i>“e-Quiz on Current Affairs”</i>	Department of MBA, VTU CPGS, Kalaburagi	04-06-2020	

6.	Webinar On “ Water & Wastewater Treatment Technologies for Environmental Sustainability”	Department of Civil Engineering, Guru Nanak Dev Engineering college, Bidar Karnataka	World Environment Day 05-06-2020	
7.	Live Webinar session on “COVID-19 Lockdown Effect-Impact on Indian Economy and Stock Market”	Department of MBA, VTU CPGS, Kalaburagi	06-06-2020	
8.	One Day Webinar on “An Overview of Green Buildings”	Department of Civil Engineering, Vignana Bharathi Institute of Technology (An Autonomous under UGC)	05-06-2020	
9.	International Webinar FDP on “Role of Civil Engineering For Sustainable Development”	Department of Civil Engineering, MBITS, Kothamangalam, Kerala	14-07-2020 To 16-07-2020	International
10.	Online Webinar on “Student Centric Learning in Indian Higher Education”	Department of Electronics and communication Engg., AMC EC, Bengaluru	20-07-2020	
11.	FDP On “Strategies and Techniques for Influential Teaching”	Department of Civil Engineering, Hindustan College of Engineering and Technology, Coimbatore	22-07-2020 To 24-07-2020	

12.	Webinar on “Demystifying Green Buildings: Edge Discovery Workshop”	Department of Civil Engineering & Centre for Inter-Disciplinary Research, JSS Academy of Technical education, Bengaluru & in association with ACCI, Bengaluru Centre	25-07-2020	
13.	Online Workshop on “SWAYAM-NPTEL”	NPTEL IIT Madras, VTU Belagavi, BKIT, Bhalki	28-07-2020	
14.	TEQIP III Sponsored One Week Online Short Term Course on “ Sustainable Concrete Construction-Issues & Challenges”	Department of Civil Engineering, Dr B R Ambedkar National Institute of Technology Jalandar	26-10-2020 To 30-10-2020	National
15.	One Week International Workshop on Durability of Concrete (IWODOC-2020)	Department of Civil Engineering, National Institute of Technology Karnataka, Surathkal	26-10-2020 To 30-10-2020	International
16.	Under TEQIP-III Online Webinar on "Challenges In Good Learning and Assessment"	Department of Civil Engineering, Poojya Doddappa Appa College of Engineering,	23-11-2020	

		Kalaburagi		
17.	Online One Week International STTP (Short Term Training Program) on “ Latest Innovations and Technological Advancements in Concrete Technology”	School of Environmental and Construction Technology, Department of Civil Engineering, SECT, Kalasalingam Academy of Research and Education, Krishnankoli	23-11-2020 To 28-11-2020	International
18.	Civil Engineering in Ramayan	UltraTech Cement Ltd.	06-11-2020	National
19.	Application of Artificial Intelligence to Prediction of Properties of Concrete	UltraTech Cement Ltd.	27-11-2020	National
20.	UGC Sponsored Inter-Disciplinary Refresher Course on Engineering and Technology (Online) on Engineering and Technology	UGC HRDC, Miziram University	01-12-2020 To 14-12-2020	National
21.	AICTE-ISTE Sponsored one Week Refresher Programme on “ Recent Practices in Design and Construction of flexible and Rigid Pavements”	Poojya Doddappa Appa College of Engineering, Kalaburagi	21-12-2020 To 26-12-2020	National
2021				
1.	One Week Online Faculty Development Programme on “ Blended Learning and Pedagogical Techniques”	Teaching learning centre, Ramanujan college University of Delhi, Minister of	07-06-2021 to 16-06-2021	National

		Education		
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Other Details:

SI No.	Details	Place	Date/ Year
1	Graduate Aptitude Test in Engineering (GATE) (Master's Level)	Indian Institute of Science (IISc)	March 15, 2008
2	Graduate Aptitude Test in Engineering (GATE) (Master's Level)	Indian Institutes of Technology, Madras (IITM)	March 15, 2011
3	Karnataka Public Service Commission (KPSC) Bangalore	Controller of Examination	2017

CERTIFICATION

1. Successfully completed certification in OSHA (occupational safety and health administration) OSHA 10-Hour Construction Industry Outreach from Safety Alliance. U.S.A. Card no, 21-002973208.

MEMBERSHIP IN COMMITTEES

1. *Board of Studies (BoS)*- Khaja Bandanawaz University, Kalaburagi. (2021-2022)

MEMBERSHIP IN PROFESSIONAL BODIES

1. The Institute of Engineers (India)
2. Institute of Scholars (InSc)
3. International Journal For Research Under Literal Access

Research Output:

1. **Ph.D:** NA

2. M. Phil (If Available):

NA

3. M.Tech:

Sl.No	Project Title	Name of the Student	Year
1.	STUDY ON REPLACEMENT OF GGBS AND POLYPROPYLENE FIBRE IN CONCRETE	SUDHINDRA D N	2014
2.	AN EXPERIMENTAL INVESTIGATION ON COMBINED EFFECT OF SILICA FUME AND STEEL FIBERS ON M20 GRADE OF CONCRETE	MUBEENA KAUSAR	2014
3.	A STUDY ON STRENGTH CHARACTERISTICS OF GEOPOLYMER CONCRETE	RAJEEVANAND S SHOLAPURKAR	2014
4.	STUDY ON THE EFFECT OF REPLACEMENT OF CEMENT BY RED MUD ON SHRINKAGE PROPERTIES OF CONCRETE	PRADEEP KUMAR	2014
5.	EFFECT OF COCONUT SHELL AND COCONUT FIBRE ON STRENGTH PARAMETERS OF CONCRETE	PRAMOD HATKER	2014
6.	STRENGTH ASPECT OF HYBRID FIBER REINFORCED CONCRETE	VINAYADEEP G M	2015
7.	Comparative Study on Percentage Variation of Steel In Different Seismic Zones of India	SALAHUDDIN SHAKEEB S M	2015
8.	A STUDY ON STRENGTH PROPERTIES OF HYBRID FIBER REINFORCED CONCRETE	AMAR R D	2015
9.	Potential Utilization Of Silica Fumes As A Partial Replacement To Cement And Its Behavior On Strength And Durability Characteristics Of Concrete	SMITA PATIL	2015
10.	A COMPARITIVE STUDY ON MECHANICAL PROPERTIES OF HYBRID FIBER REINFORCED CONCRETE WITH CONTROLLED CONCRETE	VARRA MADHU KIRAN	2015
11.	EXPERIMENTAL INVESTIGATION ON STRENGTH AND DURABILITY PROPERTIES OF HYBRID FIBER REINFORCED CONCRETE	SUDHEER	2015

12.	STUDY ON E-GLASS FABRIC LAMINATION TO NORMAL AND HYBRID (HESF + PP) CONCRETE	PRASHANT	2016
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13.	STUDY ON THE STRENGTH CHARACTERISTICS OF FRC WRAPPED WITH G-900 GSM	VISHWANATH	2016
14.	AN EXPERIMENTAL STUDY ON MONO FIBER (GI) AND HYBRID FIBRE (GI+SF) REINFORCED CONCRETE	SHIVPRASAD	2016
15.	STUDY ON MECHANICAL PROPERTIES OF HFRC USING GFRP	ANUPKUMAR	2016
16.	MECHANICAL PROPERTIES OF HYBRID FIBRE REINFORCED CONCRETE (SF+GI) WITH FRP WRAPPINGS OF 900 GSM	KISHAN	2016
17.	COMPARITIVE STUDY OF NORMAL, MONO AND HYBRID FIBRE REINFORCED CONCRETE	MANJUNATHA	2016
18.	Effect of GI Fiber on the Strength and Durability Characteristics with Varying Percentage of GGBS of the Cement and Partial Substitution of M-Sand by Natural Sand	ASHOK PATIL	2017
19.	Scheduling, Monitoring And Cost Analysis By Earned Value Method Of Phase-2(Reach-2a From Pier No.443 To Pier No.470) Using Primavera P6	NAGARAJ BELASUR	2017
20.	PLANNING, SCHEDULING, RESOURCE ALLOCATING AND TRACKING OF RESIDENTIAL (G+2) VILLA USING PRIMAVERA P6	MOHD ILYAS AHMED	2017
21.	Effect of steel fibers on M30 grade concrete by substitution of fly ash in varying percentage to cement and M sand replaced by fine aggregate by 60%	RAKESH PATIL	2017
22.	An Experimental Investigation on Steel Fiber Reinforced Concrete with Partial Replacement of Natural Sand by M-Sand	SHAFEEQ AHAMED	2017
23.	An Experimental Investigation on Strength Characteristics of Hybrid Fiber Reinforced Concrete by Partial Replacement of Fine Aggregate with Bottom Ash	MAHAMMAD MEHARAJ	2017
24.	Scheduling and Monitoring of Phase-2 (Reach-4B) of BMRCL by Valuating Weight age & Expenses of Work Undergoing	RASHMI	2017
25.	Strength Characteristics of M25 Grade Concrete by Partially Replacing Cement with	MUQTAR AHMED	2017

	Rice Husk Ash and Fine Aggregate with Copper Slag By Fly Ash And GGBS		
26.	EFFECT OF PARTIAL REPLACEMENT OF CEMENT BY GROUND GRANULATED BLAST FURNACE SLAG AND SAND BY IRON ORE TAILINGS ON PROPERTIES OF CONCRETE	RAVIKIRAN KATTOLI	2018
27.	STRENGTH EVALUATION OF M35 GRADE OF CONCRETE BY REPLACING FINE AGGREGATE BY GLASS GRANULES IN FRC	SHAIK FABIRAZ MUZAKKIR	2018
28.	EXPERIMENTAL STUDIES ON EFFECT OF SODIUM SILICATE AND SODIUM HYDROXIDE ON CONCRETE ON REPLACING CEMENT BY GGBS AND FLY ASH	ABHISHEK S KOULAGI	2018
29.	PERFORMANCE APPRAISAL OF M40 CONCRETE WITH PARTIAL SUBSTITUTION OF GGBS AND METAKAOLIN TO CEMENT WITH ADDITION OF POLYPROPYLENE FIBRES	MD IBRAHIM	2018
30.	USE OF WPP PELLETS IN PARTIAL REPLACEMENT OF FINE AGGREGATE & STEEL FIBRE IN M35 FRC	MOHAMMED SHAREEF	2018
31.	EXPERIMENTAL STUDY ON STRENGTH PROPERTIES OF CONCRETE REPLACING CEMENT BY MARBLE DUST AND SAND BY IRON ORE TAILINGS	NARESHKUMAR	2018

4. Funded Project Details:

Karnataka State Council for Science and Technology (KSCST),
Indian Institute of Science (IISc), Bangalore 560012

Sl. No.	Proj. Ref. No.	TITLE OF THE PROJECT	BRANCH	NAME OF THE GUIDE/S	STUDENT & TEAM LEADER	FINANCIAL ASSISTANCE SANCTIONED	BATCH NO
43rd SERIES OF STUDENT PROJECTS PROGRAMME : 2019-2020							
1	43S_MTECH_004	EXPERIMENTAL INVESTIGATION ON HIGH PERFORMANCE FIBRE REINFORCED SELF COMPACTING CONCRETE (HPRSCC) USING ROBO SAND	CIVIL ENGINEERING	Prof. BRIJBHUSHAN S Prof. MANEETH P D	Ms. MEGHANA K M Mr. ASHISH KUMAR Mr. RAJKUMAR Mr. SHIVA SAGAR	Rs. 6,500.00	M.Tech
2	43S_MTECH_033	STUDY ON HIGH DURABILITY FIBRE REINFORCED CONCRETE	CONSTRUCTION TECHNOLOGY	Mr. BRIJBHUSHAN S Mr. MANEETH P D	Mr. FAIZUDDIN ANSARI Mr. KIRAN KATTIMANI Mr. SYED AMAIR HUSSAINI	Rs. 5,500.00	M.Tech

- TEQIP 1.3 Funded by VTU, Belagavi “Bearing Strength Response of GFRP Bars in Fiber Reinforced Concrete” Co- Investigator, Rs.2,00,000. For the year 2020.