

RESUME

Name : **Dr. B.K. NARENDRA**
Designation : Principal
Date of Birth : 20-05-1962
Address for Communication : B.G.S Institute of Technology
B.G.Nagara- 571 448
Mandya District, Karnataka, India
Mobile: 9880100556
Email : b_k_narendra@yahoo.com

1. Educational Qualifications:

(Degree onwards)

Examination passed		Examining Body/ University	Year
Ph. D	Civil Engineering	Bangalore University	2009
MBA	Human Resource	Karnataka State Open University, Mysuru	2013
M.E	Structural Engineering	Bangalore University	1987
B.E.	Civil Engineering	Bangalore University	1984

2. Research Guidance

Program	No. of Students presently guiding
Ph.D.	09

3. Research Areas:

- Research on flyash Concrete, Structures, Transportation and Construction technology

4. Experience:

S/N	Employer	Position held	Date of Joining	Date of Leaving	No. of years
1	Sri Jagadguru Chandrashekarathana Swamiji, Institute of Technology	Lecturer	Nov-1987	Mar-1997.	10 Years
2	Sri Jagadguru Chandrashekarathana Swamiji, Institute of Technology	Assistant Professor	April-1997	August - 2005	8 Years

3	Sri Jagadguru Chandrashekarathana Swamiji, Institute of Technology	Professor and Head	Sept-2005	Jan -2008	3 Years
4	B G S Institute of Technology	Principal	Feb- 2008	Till Date	13 Years

5. Committees Served / Serving:

- Local Inquiry Committee Member, Visvesvaraya Technological University.
- Paper setter – UG / PG/PhD, Visvesvaraya Technological University.
- Members Board of Studies, Bangalore University
- Executive Council Member, Visvesvaraya Technological University.

6. Administrative Experience:

- Nominated as the IQAC Director of AdiChunchangiri University (ACU) B G Nagara, from 11.01.2019 to till date.
- Principal, B G S Institute of Technology from Feb-2008 to till date.

7. Patent details: 10 Patents filed

Idea No.	National/International	Status	Receipt No.
1	National	Patent Filed & receipt copy Received	201941021627
2	International (USA)	Patent Filed & receipt copy Received	16508510
3	National	Patent Filed & receipt copy Received	201941035499
4	International (USA)	Patent Filed & receipt copy Received	16513813
5	National	Patent Filed & receipt copy Received	201941035229
6	International (USA)	Patent Filed & receipt copy Received	16550288
7	National	Patent Filed & receipt copy Received	201941042125
8	International (USA)	Patent Filed & receipt copy Received	16599129
9	National	Patent Filed & receipt copy Received	201941051093
10	National	Patent Filed & receipt copy Received	201941053042

8. Consultancy Activities:

Worked as a consultant for state and central Govt. of India in various Departments.

S/N	Organization	Designation	Period
1	Public Works Department, Kolar Division	Consultant – Testing	Since 1995
2	KUWS & DB, Government of Karnataka	Consultant – Testing	Since 1998
3	Karnataka Land Army Corporation	Consultant – Testing	Since 1998
4	National Highway Projects (NH-7)	Consultant – Quality	2002-2005

9. Membership of Scientific:

S/N	Professional Societies	Place
1	Member of Indian Society of Technical Education	New Delhi
2	Member of Association of Consulting Civil Engineers	New Delhi
3	Member of Indian Concrete Institute	India
4	Member of Traffic Engineers Safety Trainers	Karnataka
5	GC Member National Highway Authority of India Training Institute Noida	New Delhi.
6	Member SKKY Govt. of Karnataka.	Karnataka.

10. Duties and Responsibilities:

S/N	Duties and Responsibilities
1	Actively participated in the setting up of civil Engg, Laboratories as per National Board of Accreditation Norms.
2	Delivered several Technical Lectures.
3	Editor of the College Magazine for several years.
4	As Camp Officer for Extensive survey camp for several years.
5	Event Management of state level functions.

6	As President Lion's Club, Chickballapur conducted a Free Eye Operation Camp for the needy.
7	Organized several Blood donation camps.

11. Research Publications in National/ International journals:

1	G.K. Ravi Kumar, Skanda Bharadwaj, N.M. Niveditha and B.K. Narendra	Application of AI in Diagnosing and Drug Repurposing in COVID 19	Springer Nature Switzerland	USA (DOI:10.1007/978-3-030-80624-8-15)	AG 2021 116-124p,
2	Shashikala. S.V, Dr. Shivakumar aswamy K.N, Dr. B.K. Narendra	Assessing Information Communication Technology (ICT) Literacy Skills: A Study of Students of BGS Institute of Technology, Karnataka, India	International Journal of Research in Library Science (IJRLS)	BGSIT (DOI:10.26761/IJRLS.7.2.2021.1393)	Vol. 7, Issue. 3, April- June 2021 8-18p,
3	B.M. Kavya, S. Kishan, M. Arun, H.J. Surendra and B.K. Narendra	Estimation of design flood at a reservoir (outlet) by CWC based hydrometeorological approach	AIP Conference Proceedings 2204	BGSIT (DOI:10.1063/1.5141547)	Published Online: 10 January 2020 020010-1-020010-4p,
4	Shashi Kumar A, G. Narayana, B.K. Narendra, & Narasimha Murthy	Feasibility study on strength and flexural behavior of RC beams with foundry fine aggregate	AIP Conference Proceedings 2204	SJCIT (DOI:10.1063/1.5141557)	Published Online: 10 January 2020 020020-1-020020-6p,
5	Shashi Kumar A, Dr. G. Narayana, B.K. Narendra, and Kavyashree K N	Investigation On Strength & Flexural Study Of RC Beams With Foundry Sand Used As An Alternative Material To Fine Aggregate	European Journal of Molecular & Clinical Medicine	SJCIT	ISSN: 2515-8260 Val. 07 Issue. 08 2020 3058-3068p,

6	H.R. Mahalingegowda, and B.K. Narendra	Feasibility study on augment drinking water supply and improve ground water table by 3 rd stage lift irrigation scheme for Honakere, Karnataka	AIP Conference Proceedings 2204	BGSIT (DOI:10.1063/1.5141551)	Published Online: 10 January 2020 020014-1-0200145-5p,
7	R.R. Gagan Krishna, H.K. Shiva Prathap, B.K. Narendra, and T. Mahadevaiah	Analysis of silo and comparing silo with different end condition	AIP Conference Proceedings 2204	BGSIT (DOI:10.1063/1.5141543)	Published Online: 10 January 2020 020006-1-020006-10p,
8	Kavyashree K N, Shashi Kumar A, Dr.G. Narayana, Dr. B K Narendra	Influence Of Metakaolin And Basalt Fibers On Strength And Durability Of Concrete- An Experimental Approach	European Journal of Molecular & Clinical Medicine	SJCIT	ISSN: 2515-8260 Val. 07 Issue. 08 2020 2757-2767p,
9	Manjula K, B.K. Narendra, and G.K. Ravikumar	Performance of Metakaolin and Steel Slag on the Property of Concrete ; An Overview	Journal of Huazhong University of Technology	BGSIT	ISSN: 1671-4512 2020 1-12p,
10	Pavitra Bai S, Ravikumar G K, B.K. Narendra	Compressing Closed Frequent Items with Controlled Information Loss	IEEE International Conference on Cloud Computing in Emerging (CCEM)	BGSIT (DOI:10.1109/CCEM4.8484.2019.00015)	June 02,2020 69-74p,
11	Divithkumar R P, Bharathi Ganesh, Sharada Bai, Narendra B K, Venkateswaran N	Industrial Waster as Alternative Materials to Fine Aggregates in Triple Blend Self Compacting Concrete- a Sustainable Technological Solution	IOP Conference Series: Earth & Environmental Science 268	UVCE (DOI:10.1088/1755-1315/268/1/012133)	IP Dress-103.42.87.34 Oct 10-14, 2021 1-7p,

12	Dr. K.N. Shivakumar aswamay , Dr. B.K. Narendra	Users Satisfaction with Library Services: A Case Study of Adi Chunachangiri University (ACU), Karnataka	College Libraries	BGSIT	Vol. 33 No. III-IV 2018 36-44p,
13	Dr. Bharathi Ganesh, Dr. Sharada Bai H, Dr. R. Nagendra, Dr. B.K. Narendra	Characterization of Pond Ash as Fine Aggregates in Concrete Construction – an Approach for Sustainable Industrial Waste Management, Solution for Environmental and Ecological Benefits	World Environmental & Water Resources Congress	Bangalore	May 21-25, 2017
14	Dr. K.N. Shivakumara swamay , Dr. B.K. Narendra	Automation of Technical Section in B G S Institute of Technology Central Library with the Help Of NewGenLib Commercial Version 3.1.2: A Study	International Digital Library For Educational Research	BGSIT	Vol. 1 Issue. 2 Feb-2017 1-19p,
15	Shashikala. S.V, Dr. Shivakumar aswamy K.N, Dr. B.K. Narendra	Digital Library at B G S Institute of Technology Library and Information Center: A Case Study	International Journal of Library and Information Studies	BGSIT	ISSN: 2231-4911 Vol. 6(2) Apr-jun, 2016 20-27p,
16	Dr. K.N Shivakumar aswamy, Dr. B.K. Narendra	Use and Users Satisfaction on Online Public Access Catalogue (OPAC) Services in B G S Institute of Technology: A Survey.	International Journal of Library and Information Studies	BGSIT	ISSN: 2231-4911 Vol. 6(2) Apr-jun, 2016 42-50p,

17	Bindu M, Dr. B.K. Narendra, Manjunatha J K	A Study on Characteristic Strength of Bamboo Fiber Reinforced Concrete	International Journal of Engineering Development and Research	BGSIT	ISSN:2321- 9939 Vol. 4 Issue. 2 2016 1464- 1469p,
18	K.N Shivakumar aswamy, Dr. B.K. Narendra	Library Automation: A Case Study of the Central Library of BGS Institute of Technology, BG Nagara	Journal of Advancements in Library Sciences	BGSIT	ISSN:2349- 4352 Vol. 3 Issue. 3 1-9p,
19	Kiran M, Dr. B.K. Narendra	Effect of Various Arrangements of Dampers on the Structure Fixed and Isolated at Base	International Journal of Scientific Progress and Research (IJSPR)	BGSIT	ISSN:2349- 4689 Vol. 13 November- 02, 2015 91-99p,
20	Dr. K.N. Shivakumar aswamy and Dr. B.K. Narendra	Application Of ICT in BGS Institute Technology Central Library: A Case Study	International Journal of Engineering & Scientific Research	USA	ISSN: 2347- 6532 Vol. 3 Issue. 8 August 2015 43-53p,
21	Chaithanya M B, Shashi Kumar N V, G Narayana, B.K Narendra	Properties Of SFRS with Partial Replacement Of Cement & Sand By C.O.T & I.O.T	International Journal of Research in Engineering and Technology	SJCIT	ISSN:2321- 7308 Vol. 04 Issue. 08 August- 2015 139-144p,
22	Kuladeepu M N, G Narayana, B.K Narendra	Soil Structure Interaction Effect On Dynamic Behavior of 3d Building Frames with Raft Footing	International Journal of Research in Engineering and Technology	SJCIT	ISSN: 2321- 7308 Vol. 04 Issue. 07 July-2015 87-91p,
23	Mr. Rakesh Gowda R, Dr. G.Narayana, Dr. B.K. Narendra	Soil Flexibility Effect on Dynamic Behaviour of Asymmetric 3d Building Frames with Strip Footing by Continuum Model	International Journal of Research in Engineering and Technology	Interna tional License	ISSN:2278- 0181 Vol. 04 Issue. 06 June-2015 892-898p,

24	B.K. Narendra, T.M. Mahadeviah	Flexural Behavior of Reinforced Fly Ash Concrete in Comparison to Reinforced Normal Concrete Beams in Terms of Ductility Index	International Journal of Engineering and Advanced Technology (IJEAT)	BGSIT Blue Eyes Intelligence Engineering	ISSN:2249-8958 Vol.04 Issue. 02 December 2014 41-44p,
25	M. Mahadeviah and B.K. Narendra	Prioritizing Sub watersheds from Drainage Morphometric Parameters for Erosion Studies in Chitravathi Watershed, Chickballapur District, Karnataka	Nature Environment and Pollution Technology	BGSIT An International Quarterly Scientific Journal	ISSN:0972-6268 Vol. 13 No. 02 297-302 2014 297-302p,
26	B.K. Narendra, T.M. Mahadeviah	Flexural Behavior of Reinforced Fly Ash Concrete in Comparison to Reinforced Normal Concrete Beams in Terms of Cracking Load and Ultimate Load Carrying Capacity	International Journal of Engineering and Advanced Technology (IJEAT)	BGSIT Blue Eyes Intelligence Engineering & Sciences Publication	ISSN:2249-8958 Vol.04 Issue. 02 December 2014 37-40p,
27	Shivakumar aswamy K.N, Dr. B.K. Narendra	Newgenlib@BGSIT Library and Information Center: A case Study	Journal of International Academic Research For Multidisciplinary	BGSIT	ISSN:2320-5083 Vol. 02 Issue. 11 December 2014 194-199p,
28	Dr. B.K. Narendra, Shivakumar aswamy K.N	Social Networking Sites Usage By Faculty At Engineering Colleges In Hassan: A Survey	International Journal of Engineering Research in and Technology	BGSIT	ISSN:2278-0181 Vol. 02 Issue. 06 June-2013 2143-2153p,
29	B.K. Narendra	Compressive Strength Development of Fly Ash Concrete for Different Cement	International Journal of Inventive Engineering and Sciences	BGSIT	ISSN:2319-9598 Vol. 01 Issue. 06 May,12,

		Replacement Levels	(IJIES)		2013 1-12p,
30	Shivakumar aswamy K.N, Dr. B.K. Narendra	Digital Information Services and Resources At The BGS Institute of Technology (BGSIT) A Case Study	Journal of International Academic Research For Multidisciplinary	BGSIT	ISSN:2320-5083 Vol. 01 Issue. 02 March 2013 29-34p,
31	Mr. Avinash N, Dr. B.K. Narendra, Dr. G Narayana	Experimental Study on Masonry and Mortar Properties Incorporating Waste Foundry Sand (WFS) as Fine Aggregate	Journal of Structural Engineering	New Delhi	Vol. 118 No. 7 July-1992

12. Paper Presented:

S/N	Paper Presented
1	“Experimental Investigation on Quarry Dust as Bricks” Proceedings of two day seminar on innovative planning and cost effective building materials and techniques, 10 th October 1991. Organized by PWD Government of Karnataka, Bangalore.
2	Role of “Technical Institute in development Rural Entrepreneurship” at Muddenahalli, Sept 15. 1995.
3	“Remote Sensing Techniques for environmental Impact Analysis” at National Seminar on Man, Industry and Environment, Conducted by Department of Environment Science, Bangalore University 5-7 April 1995 sponsored by U.G.C.
4	“Effect of Flyash on the Compressive Strength Development of Concrete” at MSRIT on 19 th and 20 th May 2006.

13. Seminars and workshops attended:

S/N	Seminars and workshops attended
1	Course on Principle and Practice of Industrial Water Pollution Control Aug-Dec 1985 at II.Sc Bangalore.
2	International Course on Structural Masonry organization 6-11 April 92 by University of Edinburgh, I.I.Sc and Central Building Research, Roorkee.
3	Workshop on Training in construction Method 9-13.8.94, world Bank assisted Karnataka integrated Rura Water supply and Environmental sanitation Project at SJCIT, Chikballapur.

4	Role of Technical Institutions in developing Rural Entrepreneurships Seminar at Muddenahalli Sept 15 1995.
5	National Seminar on Man, Industry and Environment, 5-7 April 1995 at Bangalore.
6	Faculty Development programme in Entrepreneurship for Teacher of Engineering colleges organized at EDI Camps, Ahemdabad during July 29 th - Aug 24, 1996 sponsored by NSTEDB, Department of Science and Technology, Government of India and IDBI, ICICI and IFCI.
7	Natioanl Conference on “APPLICATION OF FOURIER AND WAVELET ANALYSIS IN ENGINEERING AND TECHNOLOGY (nacwet-99).Held during May 19-21,1999 at SJCIT , Chikballapur.
8	National Symposium on Remote Sensing Applications for Natural Resources, Retrospective and Perspective , organized by ISRS,19-21, January 1999, Bangalore
9	Natinal Seminar “WAVES OF THE FUTURE” Civil Engineering in 21 st Centure held at J N Tata Auditorium, II.Sc Bangalore on 15-16 th Jan 2001, organized by Association of Consulting Civil Engineers(India), Bangalore Centre.
10	National Conference on Application on “Vedic Mathematics in Engineering and Technology (NACVMET-2001)” held during March 16, 17 th , 2001 at SJCIT, Chickballapur, Kolar dist, Karnataka.
11	Attended the works shop on “STRUCTURES IN SEISMIC AREAS” on April 10 th 2001, organized by ‘Torsteel Research Foundation in India, ICI (KC), Civil-Aid Technoclinic Pvt., Ltd.,’ Bangalore.
12	Attended one day seminar on “FAST TRACK CONSTRUCTION” organized by ICI (KC), in Bangalore.
13	Attended 3 days work shop on “HRD PROGRAMME” organized for Principals and Senior faculty of Engineering Colleges affiliated to VTU by AICTE, VTU (Belgaum), Between 6 th to 8 th May-2003, In High Tech Seminar Hall, BMS college of Engineering Bangalore.

14. Books:

- Operations Research: 8th Semester B.E. Mechanical Engineering and 6th Semester B.E. CSE/ISE, Bengaluru, Sunstar Publisher, 2019.

15. Projects Involved:

S/N	Projects Involved
1	Experimental Investigation on Hollow Quarry Dust Bricks 1991-92.
2	Experimental Investigation on Ferro cement as a Materiel for Door Panels on 1992-93.
3	Proposed Rural Water Supply and Environmental Sanitation of Purudagadde Village 1993-94.

4	Experimental Studies on Masonry Strength of Stabilized Mineral Waste Blocks 1994-95
5	Analysis Design and Estimate of a Multistoried Building on 1995-96.
6	Analysis and Limit State Design of Multistoried Building on 1999-2000.
7	Design and Analysis of a Sub Way for a Highway at Bangalore on 2002-03.
8	Design of Nursing College Multistoried Building on 2004-05.
9	Structural Design of Hospital Building on 2005-06.
10	Structural Design of Multistoried Building on 2006-07.
11	Structural Design of Apartment Building on 2006-07.

16. University Assignments:

S/N	Assignments
1	Valuer for BE, M.Tech Thesis for Visvesvaraya Technological University and Bangalore University.
2	Local Inquiry Committee Member, Visvesvaraya Technological University.
3	Paper setter – UG / PG, Visvesvaraya Technological University.

17. Countries Visited:

S/N	Countries
1	China
2	England
3	Thailand
4	Nepal
5	USA

Date:

Yours sincerely

Place:

(Dr.B.K. Narendra)