




DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

Opp. Art of Living, Udayapura, Kanakapura Road, Bangalore- 560082

DEPARTMENT OF CIVIL ENGINEERING

Accredited NBA for 3 years, NAAC with A+, New Delhi

Faculty Name	Dr. K . N VISHWANATH	
Academic Designation	PROFESSOR & HEAD	
Educational Qualification	PhD	
Experience in Years	26	
Area of Interest	Fire Resistant Concrete, Alternate Materials for Concrete	
Date of Birth	June 20, 1967	
Email ID	hodcivil@dsatm.edu.in	

Educational Details

- Ph.D - "Fire Resistant Concrete"- Special Construction Materials – CIVIL ENGINEERING- 2014 Under VTU
- M.Tech in Construction Technology & Management 1995 Under Bangalore University
- B.E in CIVIL Engineering 1985 Under Bangalore University

Personal Details

- Date of Birth: June 20, 1967
- Hobbies: Photography, Listening to light music, Reading Kannada Literature & Science
- Languages Known: KANNADA, ENGLISH, HINDI- Read , Write & Speak
TELUGU – Read & Speak
TAMIL – Speak

Professional Experience

- Worked as Lectures in DSCE at Bengalooru from June 1996 to May 2008
- Worked as Asst. Prof. in DSCE at Bengalooru from June 2008 to February 2010
- Worked as Associate Prof. in DSCE at Bengalooru from February 2010 to June 2015
- Worked as Professor & Head in DSTM 2015 till date

Responsibility at University:

- VTU Nominee for Autonomous Technical Institution [NHCE] for 2022-2024
- Member BOE –Civil thrice. Currently for 2022-2024 academic session
- Member LIC-VTU during 2018-2019 And 2017-2018
- Member BOS at RIT & RVCE for 2021-2024

Publications

International Journals: 03

National Journals: 15

International Conferences: 02

National Conferences:15

Conference Attended

A. Conference:

1. *"Safety Audit for National Highways passing through Bangalore city"* in **National level seminar** on traffic Engg (TRAFICANA) held at MS Ramaiah Institute of Technology in Nov, 2004.
2. *"Effect of Air voids and Compaction temperature on bituminous mix design"* in **National level seminar** on Advances in Road Transportation (ART-2005) held in NIT, Rourkela, Feb, 2005.
3. *"Optimal design of water treatment plant using Nomograms"* in **Second National Conference** on Emerging trends in Civil, Structural & Environmental Engg, held at Adhiyamaan College of Engg, Hosur, Tamil Nadu, September, 2005.
4. *"Strength Characteristics of Flyash composite cement mortar under Sustained Elevated Temperature"* in **National Conference** on Fire Effectuated Concrete Structures (NACFCS) held at GITAM College of Engineering, Vishakapatnam, Andhra Pradesh 23rd & 24th Nov. 2006.
5. *"Effect of Sustained elevated temperature on Flyash concrete"* In **International Conference** on Civil Structural & Environmental Engineering (ICSEE-11) held at KSR College of engineering Thiruchengode, Tamilnadu, India February 17 -18, 2011.
6. *"Residual Strength Properties of Fly ash composite Concrete under Elevated Temperature"*. **National Conference** on Recent Advancements in Civil Engineering"(NCRACE-11) held at Vidya Vikas Institute of Technology, Mysore, INDIA: April 7-8, 2011.
7. *"Influence of Sustained Elevated Temperature on Fly ash concrete"* at **Fourth International workshop** Performance Protection and Strengthening of Structures under Extreme Loading-2013(PROTECT 2013), organized by BFRC, N.I.E., Mysore, INDIA & University of British Columbia, CANADA; held during August 26-27, 2013 in Mysore, INDIA.
8. *" Land Slide Hazard and Risk Assessment with Geotechnical Investigations Using RS and GIS Applications- A review"* at **4th National Conference on 'Emerging Trends in Engineering Technologies'**- ETET on 21st February 2015 held at Jyothy Institute of Technology, Bangalore.
9. *"ASSESSMENT OF GROUND WATER STATUS BY MAPPING VADOSE ZONE THROUGH GIS AND RS-A Review"* **International conference ICCRIP 2016** at NICMAR Pune scheduled between 21-22 October 2016

10. **“PERFORMANCE EVALUATION AND STRENGTH AUGUMENTATION OF CEMENT MORTAR REINFORCED WITH TREATED JUTE FIBRE: A Review”**4th **International Conference** on Emerging trends in Engineering, Technology, Science and Management; held on July 16, 2017 at IETE, Pankha Road, Janakpuri, Delhi; INDIA.
11. **“SOIL STABILISED MASONRY BLOCKS”** at International Conference at Acharya College of Engineering” Somanahalli, Bengalooru on December 16, 2017

Seminar Attended

- As **Sectoral head** Coordinated & Conducted all the Sessions in the civil engineering division at the **International Conference** on “Convergence of Science & Engineering in Education and Research , A Global Perspective in the New millennium”(**ICSE-2010**) between April 21-23, 2010; under ‘Centre for P.G studies’ D.S.C.E., Bengalooru
- Coordinated & Conducted a **VTU Faculty Development Programme as Short term course** “Alternate Construction Materials for Sustainable Environment” held under Civil engineering Department, DSCE, to Commemorate Engineers Day; September 13-17, 2010 as the **Chief Convener**
- **Organising member** for the **National Seminar** on “Sustainability of Drinking water Supply Systems with special reference to Multivillage Scheme” in connection with World water Day at DSCE March 22-23, 2010.
- **Organising Chair for First** National level Conference on Green Computing Technologies- 2015. **With ISBN: 978-93-84935-31-3 and IISN:2319-1163**
- **Organising Chair for Second** National level Conference on Convergence of Science, Technology & Management (**NCCSTM**) - **2016. With ISBN: 978-93-84935-97-9**
- **Organising Chair for Third** National level Conference on Convergence of Science, Technology & Management (**NCCSTM**) - **2017. With ISBN: 978-93-84935-97-9**
- **Organising Chair for Fourth** National level Conference on Convergence of Science, Technology & Management (**NCCSTM**) - **2018. With ISBN: 978-93-85682-54-4**
- Interaction sessions in university with regard to model paper setting, and revision of syllabus.
- Short term training programme (STTP) on “Structural Design in steel, Limit State approach” sponsored by INSDAG held at VNIT, Nagpur in 2003.
- Short term training Programme (STTP) on “Advanced surveying and computer applications” sponsored by AICTE & ISTE at NITTTR, Chennai in 2004.
- National level one day workshop on “Sustainable development of ground water through rain water harvesting” held at PES college of Engg, Mandya, 2003.
- Faculty Development Programme on “Civil FEM” Sponsored and Organised by V.T.U

Belgaum at B.I.T., Bengaluru, on 30th & 31st January 2012.

- V.T.U Organised Workshop on “*Research Methodologies and LATEX*” at B.I.T, Bengaluru, Feb 4th & 5th 2013.
- International Colloquium on “*Nanotechnology in Construction*” at S.I.T., Tumakooru, Feb 16th 2013.
- 18th Indian Plumbing Conference organized by Indian Plumbing Association at Bangalore on 20-21 November 2014.
- National Seminar on **BETTER AGGREGATES FOR CONCRETE & ALTERNATIVES TO RIVER SAND**", on **7th December 2017 (Thursday)** at The Capitol Hotel, Raj Bhavan Road, **Bangalore-560 00**

Workshop Attended

1. Interaction sessions in university with regard to model paper setting, and revision of syllabus.
2. Short term training programme (STTP) on “*Structural Design in steel, Limit State approach*” sponsored by INSDAG held at VNIT, Nagpur in 2003.
3. Short term training Programme (STTP) on “*Advanced surveying and computer applications*” sponsored by AICTE & ISTE at NITTTR, Chennai in 2004.
4. National level one day workshop on “*Sustainable development of ground water through rain water harvesting*” held at PES college of Engg, Mandya, 2003.
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7. International Colloquium on “*Nanotechnology in Construction*” at S.I.T., Tumakooru, Feb 16th 2013.
8. 18th Indian Plumbing Conference organized by Indian Plumbing Association at Bangalore on 20-21 November 2014.

National Seminar on BETTER AGGREGATES FOR CONCRETE & ALTERNATIVES TO RIVER SAND", on 7th December 2017 (Thursday) at **The Capitol Hotel, Raj Bhavan Road**, Bangalore-560 001.

Patents published with All Details

NIL

Research Grants fetched with File No.

NIL

Student Project Funds Fetched with Grant No.

- *“Optimal design of Water treatment plant through Nomograms”* awarded by SRISHTI, state level project competition, 2004-2005 **A KSCST Funded Project**
- Same project was selected for **state level student project exhibition** and bagged **First Prize**
- *“Designing Lighter Mould for rammed earth and its Strength characteristics”*. **Funded by K S C S T**, IISc, B'lore. Govt of Karnataka, 2005-06.
- Same project was selected for **state level student project exhibition**.
- *“Effect of sustained elevated Temperature on Fly ash mixed composite”* **Funded by K S C S T**, IISc, B'lore. Govt of Karnataka, 2006-07.
- Same project was selected for **state level student project exhibition held by SRISHTI 2006, under AVISHKAR sector**.
- *“Non-Renewable Energy From Food Waste”* **A KSCST Funded Project** was selected for presenting at **State Level Student project Exhibition / Seminar** Presentation at PESIT, Shivamogga, Karnataka during KSCST - 34 series SPP2011
- Same project was selected for **state level student project exhibition**.
- M.Tech Structural Engineering Student Project proposal **guided for the student B.K.Darshan has been accepted by CSIR-SERC Chennai** during December 2013-April 2014
- *“Workability study on Mix Properties of Self Compacting Concrete with Different cement replacement materials for the Optimum Ratio”* **Funded by K S C S T**, IISc, B'lore. Govt of Karnataka, under SPP 40th series 2016-17
- *“Performance analysis of Soil Stabilised Mud Block Reinforced with Treated Coconut Jute Fiber”* **Funded by K S C S T**, IISc, B'lore. Govt of Karnataka, under SPP 41st series 2017-18 Ref No.:41S_BE_0610/ 2017-2018
- 2019-2020: 43rd series SPP KSCST: Ref No.43S_ [State Level Best Project Award]
- 2020-2021: 44th Series SPP KSCST: Ref No.44S_BE_3527/2020-2021: **“Supplementary Fuel for an Institution Kitchen-Process & Cost Analysis**

Consultancy Amount Fetched with Details

Rs 32,000/- From Aerial Route Technologies

Awards

1. *“Influence of Fiber volume on Flyash concrete”* secured **First place** in **National Technical symposium** held at Rajarambapu Institute of Technology, RajaramNagar, Sangli; Maharastra February 17-18, 2011.
2. *“Influence of Fiber volume on Flyash concrete”* secured **Second place** in **National Technical symposium** held at Rajarambapu Institute of Technology, RajaramNagar, Sangli; Maharastra February 17-18, 2011

3. "Sustainable Energy –Efficient Building" **Secured 2 Rank** at 4th International Conference on Construction, Real Estate, Infrastructure and Project Management [CRIP] held on December, 13-14, 2019, NICMAR;PUNE

Mile stone Achievement:

BEST TEACHER & RESEARCH SCHOLAR Award from "National Federation of Entrepreneur Development", Coimbatore in 2014

AWARD FOR TEACHING EXCELLENCE at Indo- American Education Summit 2016

By THE INDUS FOUNDATION

GOLD MEDAL- For the Best PhD Thesis at NIE, Mysore [research Centre] during 2014-2015:

Recognition: Endorsed with "Senior Educator & Research Award" for significance contribution in Teaching and Research, By **NFED[India]**

Academic Activity/ Coordinator

- An active member of sports committee, involved in organizing sports events in college, both intra and inter college as well as participated.
- Staff co-ordinator of college cultural committee, involved in conducting the DYANAMICS (college Cultural fest), Graduation day and other cultural functions of the college.
- IQAC-NAAC Chief Co-ordinator at the institution,
- Member BOE for CIVIL in VTU
- Member BOS VTU Nominee Two Autonomous Engineering Colleges at Bengalooru

Faculty Development Activity/Workshops

- As **Sectoral head** Coordinated & Conducted all the Sessions in the civil engineering division at the **International Conference** on "Convergence of Science & Engineering in Education and Research , A Global Perspective in the New millennium" (**ICSE-2010**) between April 21-23, 2010; under 'Centre for P.G studies' D.S.C.E., Bengalooru
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Contact Details

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