



## DR. NAGARAJ SITARAM

## PROFESSOR & HEAD

DEPARTMENT OF  
CIVIL ENGINEERING

## PROFILE

PROFESSOR AND HEAD OF DEPARTMENT OF CIVIL ENGINEERING. A CIVIL ENGINEERING GRADUATE FROM BHOPAL UNIVERSITY AND MASTERS FROM NIE MYSORE IN HYDRAULICS. OBTAINED HIS DOCTORATE FROM INDIAN INSTITUTE OF SCIENCE BANGALORE

TOTAL OF 30 YRS OF EXPERIENCE, 18 YRS IN TEACHING, 1-yr IN FIELD AND 11 YEARS OF RESEARCH MAINLY IN GOVT SECTOR WHICH INCLUDES FCRI PALAKKAD, MACT BHOPAL, AND NATPAC THIRUVANANATHAPURAM.

GUIDED 2-PHD AND 12-MTECH STUDENTS. COMPLETED NEARLY 27 FUNDED PROJECTS. AN ACTIVE RESEARCHER IN THE FIELD OF HYDRAULICS, ALTERNATE BUILDING MATERIALS AND CFD

## CONTACT & LINKS

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Linkedin

<https://www.linkedin.com/in/nagaraj-sitaram-33979234/>

## EDUCATIONAL QUALIFICATIONS

- B.E(CIVIL)- BHOPAL UNIVERSITY , 1986
- M.E.(Hydraulics) – Mysore University , 1989
- Ph.D (Hydraulics & Water-resources – IISc Bangalore - 1997

## PROFESSIONAL EXPERIENCE

Teaching Experience : 18 years  
Industry Experience: 1-yr  
Research Experience : 11-Yrs  
Total: 30 years

## INSTITUTION/DEPARTMENT RESPONSIBILITIES

- Head of the Department
- Research Cell Coordinator

**PROJECTS COMPLETED : 27  
(Earlier to EPCET)**

**Ongoing – One @ EPCET**

**Research Interest:** HYDRAULICS, ALTERNATE BUILDING MATERIALS AND CFD

## AWARDS & RECOGNITIONS :

- 'Student Project of the Year award' from KSCST, IISc Campus, Bangalore at BVB Hubli, 2015
- 2<sup>nd</sup> best paper award at National Level Conference at Lokmanya Tilak College of Engineering, Navi Mumbai, October, 2012
- Best paper at Knowledge Utsav August, 2010, 'IMPACT OF ENVIRONMENTAL PARAMETERS ON COMPOSITES' Organized by Jain University – Tumkur University
- UNICEF 2nd Best paper Award in Dec 2008 at MNIT, Jaipur at HYDRO- 2008
- Best paper award at National Conference on CFD and Dynamics of Robotics, at JNTU, Pulivendala (AP), October 2010
- Board of Studies Member Jain University, Bangalore, 2009
- Board of Studies Member Kalasalingam University, Srivilliputtur (TN)
- Recognized guide for Ph. D in Anna University, Chennai, VTU Belgaum, Jain University
- Research Council Member, KSCSTE, Trivandrum (Govt. of Kerala) to evaluate research proposals for funding
- Member of the Project group of computerized Tomography constituted by Prof. Prabhat Munshi, Mechanical Engg. Department I. I. T. Kanpur(When working with FCRI, Palakkad)

## INVITED LECTURES DELIVERED

### (iii) Invited Lectures and Chairmanships at national or international conference / seminar etc.

S. No.	Title of Lecture / Academic Session	Title of Conference / Seminar etc.	Organized by	Whether International / National
1	Sustainable construction – A practical approach	Green Energy for Sustainable Development – 2019	Government Polytechnic, Nagpur (Maharashtra)	International
2	Key- Note Address & Chair Person – Sustainable Construction of Cool Roof and Wall at Bangalore City	Recent Advances in Civil Engineering – 2018	KLE College of Engineering, CHIKODI (Belgaum Dist.) Karnataka	National
3	Hydraulic Performance of faucet aerator as water saving device and suggestions for its improvements	Water Conservation & Wastewater Management for Sustainable development (ISSN -0970-319)	Dayanada Sagar College of Engineering, Bangalore	National
4	Effect of Boat wave Erosion & its Remedies – A case study of Allapuzha (Kerala State)	Invited Lecture	Aluva's College of Engineering, Mudabidri (Karnataka)	National
5	Technical Writing & Project Writing	Invited Lecture	Christian Medical College, Vellore (TN)	Regional
6	Faculty Development National Workshop on "Water-resources and Environmental Engineering" 3-7 February 2014, under TEQIP, – two lectures	Invited Lecture	Nitte, Meenakshi Institute of Technology Bangalore	National
7	Continuing Education Program on "Flood forecasting flood routing and emergency preparedness of reservoir" delivered lecture on Backwater calculations and sediment analysis for field engineers	Invited Lecture	Basveshwar Engineering College, Bagalkot (Karnataka)	National
8	"Marketing Techniques and Energy Efficient Technology" Faculty Development program sponsored by MIDC, Mumbai	Invited Lecture	Shri Sant Gajanan Maharaj College of Engineering, Shergaon (Maharashtra)	National
9	Introduction to CFD and Industrial case studies under TEQIP scheme	Invited Lecture	Guru Govind Singh College of Engineering, Nanded (Maharashtra)	National
10	Introduction to CFD and Turbulence Modelling – AICTE sponsored course for Engineering College Teachers	Invited Lecture	Jawaharlal Darda Engineering College, Yavatamal (M.S.)	National
11	Lecture for ITEC trainees at FCRI Palakkad on "Open-Channel Flow" and "Hydraulic Transients	Invited Lecture	FCRI Palakkad (Kerala State)	International
12	Software Application in Civil Engineering	Invited Lecture	Government Engineering College Thrissur (Kerala)	National
13	Advanced Techniques in wastewater treatment systems	Invited Lecture	Periyar Manniammai College of Technology for women, Thanjavur (TN)	National
14	Solution of Industrial Problems in FCRI – A case study in ISTE short term course on CFD	Invited Lecture	Naval Physical Oceanography Lab. Ministry of Defense, Kochi	National
15	CFD Flow analysis in a Jet Pump	Invited Lecture	Naval Physical Oceanography Lab. Kochi	National

## PUBLICATIONS/PATENTS/BOOKS

International Journal : 14

National Journal : 3

National/International Conferences: 56

## ASSOCIATION WITH PROFESSIONAL BODIES

Life-time Member of Professional Bodies

1. ISTE
2. ISH
3. IGBC
4. ICI
5. Institution of Engineers (India)

## PROFESSIONAL COURSES COMPLETED

- Software "SAP" Surge Analysis of Pumping main in Water Distribution Pipe lines
- ANSYS FLUENT CFD Software