



K.V.G. COLLEGE OF ENGINEERING

Kurunjibhag, Sullia, D.K.-574 327, Karnataka, INDIA
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FACULTY PROFILE

Name of the Faculty	CHANDRASHEKHAR.A	
Designation	Professor and Head	
Contact Numbers	Office: 08257-231141, 235133 Mobile: +91-9448725581	
E-mail ID	acs.nitk@gmail.com	

• Educational Qualification

Degree	Specialization	Year of Passing	College & University
B.E	Civil Engineering	1989	VEC (presently RYMEC), Bellary, Gulbarga University
M. Tech	Structural Engineering	2005	NITK, Surathkal
Ph.D.	Lossless Compression of Mammographic Images Using Modified Base Switching Coding Method	2012	NITK, Surathkal

• Additional Qualification

Degree	Year of Passing	University
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Master of Information Technology(MIT)	2003	Manipal University(MAHE)			
• Work Experience					
Teaching	Research			Industry	
30+	15+			1	
• Date of Joining to the College					
20 th May 1999					
• In-House Experience					
Designation	Duration			Department	
	From	To			
Lecturer	20-05-1999	30-05-2006		Civil	
Asst. Professor	30-05-2006	29-02-2008		Civil	
Assc. Professor & Head	01-03-2008	31-07-2014		Civil	
Professor &Head	01-08-2014	Till the Date		Civil	
• Outside Experience					
Designation	Place	Duration			
		From	To		
Lecturer	SNSPT, Sunkadakatte, Bajpe Mangalore	01-08-1991	15-05-1999		
Civil Engineer	Adarsha Consultancy, Mangalore	01-10-1990	31-07-1991		
• Area of Interest					
Concrete Technology	Pavement Design	Pavement Materials	Structural Analysis	Design of Steel structures	Design of Concrete structures
• Subjects Taught					
UG				PG	

<ul style="list-style-type: none"> - Elements of Civil Engineering - Basic Surveying - Building Materials & Construction - Strength of Materials - 	<ul style="list-style-type: none"> - Structural Analysis - Design of Concrete Structural elements - Design of Steel structures - Design and drawing of RC structures 	<ul style="list-style-type: none"> - Advanced Design of concrete structures - Advanced Materials
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• Membership in Professional Bodies/University Bodies/Organizations

- **Member of Indian Society for Technical Education (MISTE) : LM 32283- 2001**
- **Member of IASTR :LM A0518-2008**
- **Member of IRC :LM 35345 -2009**
- **Member of ACCE(I) :LM 3095 -2013**

• Publications

Book Chapters	National/International Journals	National/International Conferences
	17	10

• Publications : National/International Journals

Sl no.	Title of paper	Journal name & volume	Year
1	Dynamic FE Analysis of multistoreyed Frames including soil foundation structure interaction effects(14-18)	NITK Research Bulletin Vol 16,No.1	June 2007
2	Fly ash and rice husk ash concrete for rigid pavement (33-48)	Indian Highways(IRC)	Aug 2007
3	Utilization of fly ash in (SFRC) pavement (110-117)	CE& CR	Jan 2010
4	Fatigue behaviour of steel fiber reinforced concrete(SFRC) with fly ash (9-22)	Highway Research Journal(Indian Roads Congress) vol 3 No.2	2010
5	Experimental Investigation on Lithomargic clay stabilized with Sand and Clay(21-32)	Indian Highways(IRC)	Feb 2012

6	Flexural Fatigue Analysis of Steel Fibre reinforced concrete	Int. JI of Engg and Earth Sciences	Oct 2012
7	Treatment of Rice mill effluent using aerobic reactor (264-267)	Int. JI of Environmental Engg and management Vol 3 no.4	2012
8	Geotechnical investigation of shedi soil blended with pond ash, lime and coir (77-90)	Indian Highways(IRC)	Jan 2013
9	Study on effect of zonal requirement of fine aggregate on strength charecteristics of concrete (1-9)	Int. JI of construction Technology and management voll1, no.2	2013
10.	Performance appraisal of river stone as a course aggregate in concrete (93-102)	Int. national journal of Engineering research and applications vol 4, issue 1	Jan 2014
11	A study on effect of inclusion of fly ash as partial replacement of cement and granulated Blast furnace slag as partial replacement of sand in concrete(11971204)	Int. national journal of research & Technology vol 4, issue 5	May 2015
12	experimental study on Partial replacement of cement by fly ash with Glass fiber Reinforcement(12051211)	Int. national journal of research & Technology vol 4, issue 5	May 2015

13	A Comparative study on egg shell concrete with partial replacement of cement by fly ash (15321538)	Int. national journal of research & Technology vol 4, issue 5	May 2015
14	An experimental study on Partial replacement of cement by GGBS and natural sand by Quarry sand in Concrete(1539-1544)	Int. national journal of research & Technology vol 4, issue 5	May 2015
15	Experimental study on effect of addition of fly ash on the properties of plastic fibre reinforced concrete (39- 48)	Int. national journal of Engineering research & technology vol 3, spl issue II	June 2015
16	Experimental Investigations on Properties of concrete with Silica Fume GGBS and PVC Dust(144-153)	Int. national journal of Engineering research & technology vol 3, spl issue II	June 2015
17	A Study on Elastic Deformation Behaviour of Steel Fibre Reinforced Concrete for Pavements (215–224)	Journal of The Institution of Engineers (India): Series A Volume 100, Issue 2,	June 2019

• Publications : National / International Conferences

Title of the paper	Conference Title	Year
Dynamic soil structure interactions effects on multistoreyed RCC frames (pp 454-467)	Int. Conference on advances in structural Dynamics and its application (ICASDA 2005) at GITAM, Vishakapattanam, India	Dec 2005
Effect on soil interactions of natural period of multisoreyed buildings on raft foundation	EQADS -06, GITAM university Vishakapattanam	2006
Soil foundation structure interaction effects on the static response of 3D building frames Page 231-239	INCHOE at NITK, Surathkal	2007
Experimental studies on utilisation of waste materials for pavement Quality concrete	Advances in concrete, Structural and Geotechnical Engg (ACSGE 2009) at BITS Pilani, India	October 2009
Fatigue analysis of Steel fiber reinforced concrete, 461-468	International conference on Developments in Roads Technology (DRT-2010) at NIT Roorkeela,	October 2010
Flexural Fatigue analysis of Steel fiber reinforced concrete	2 nd International Engineering Symposium(IES 2012) at Kumamoto University, Japan	2012
Effect of fly ash addition on properties of concrete with PPC	ACEID , East west College of engineering	2014
Experimental investigations on properties of concrete with silica fume, GGBS and PVC dust.	Int. conf. on Advances in Engg research held at Bangalore	2015
Effect of partial replacement of cement by boiler wood ash in concrete	Int. conf on Emerging trends in science and Engineering at Coorg Institute of Technology	May 2017
Compressed laterite soil bricks using lime flyash and natural rubber latex	National conference 'Jnanasangama' at VCET, Puttur	May 2018

• Details of Professional Activities

Professional activity	University	Ongoing	Completed

Ph.D. Guidance	VTU	4	-----
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• Faculty Development Programmes(FDP)Participated			
SL.No.	Program Title	Venue	Date&Year
1.	Engineering applications of remote sensing and geographical information	NITK Surathkal	9 th to 21 st ,Dec 2002
2.	Role &prospects in cost effective construction for sustainable development	NMAMIT Niite	7th to 19 th , July 2003
3.	Structural Dynamics- applications to earthquake engineering	IIT Bombay	12 th to 23 rd July 2004
4.	Planning, Development and management of modern urban core infrastructure solutions for India	NITK Surathkal	20 th to 31 st Dec 2004
5.	Structural steel design for university faculty	MIT Manipal	5 th to 10 th Jan 2010
6.	Health monitoring of Structures	TKM College of Engg, Kollam	20 th to 25 th , Feb, 2017
7.	Teaching engineering and Pedagogy for Effective implementation of Outcome based Education	NMAMIT, Nitte	16 th to 21 st July , 2018

• Workshops / Short-termCourse Attended			
SL.No.	Program Title	Venue	Date&Year
1.	Guidance Counseling and Student Evaluation	KVGCE, Sullia	19 th -21 st , Jan 2000
2.	Engineering Systems &services for buildings	MIT Manipal	21st Jan 2001

3.	FEEL Teacher Training Programme	KVGCE, Sullia	16 th -18 th Aug 2001
4.	Coastal Erosion –Protection and Management	NITK Surathkal	7 th & 8 th Sept 2001
5.	Rain Water Harvesting	SJEC, Mangalore	4 th May 2003
6.	Earthquake Resistant Design and Retrofitting of RC structure	NITK Surathkal	21 st and 22 nd Jan 2004`
7.	Water Harvesting and Pollution Control	SDM college of Management, Mangalore	15 th may 2004
8.	Awareness program on steel-concrete composite constructions	NITK Surathkal	13 th , 14 th Aug 2004
9.	Earthquake engineering review workshop	IIT Kanpur	23 rd to 28 th Aug 2004
10.	Course on ANSYS	NITK Surathkal	18 th Aug to 9 th Sept 2004
11.	Innovations in materials & Structures	IIT Chennai	20 th Sept 2008
12.	Uses of high performance concrete in port construction	NMPT, Mangalore	30 th Jan 2009
13.	Limit State Design of Steel Structure as per IS 800:2007	SJCE, Mysore	17 th to 21 st Aug 2009
14.	Table Top Airports and Safety Aspects	NITK, Surathkal	Oct 29-30, 2011
15.	Development and application of Bamboo in Construction and energy sectors	SCEM, Mangalore	9 th Nov, 2011
16.	Experimental Learning Through Virtual Lab	KVGCE(in association with NITK)	18 th April 2018
17.	New Model Curriculum for First year BE- CBCS detailed Syllabus as per OBE	SCEM Mangalore (VTU)	19 th May 2018
18.	One day workshop on Recycling construction and demolition waste	DK Nirmithi kendra	28 th Aug 2018

• No. of Student Projects Guided

UG	PG
32	10

• Responsibilities Taken in College Level

Event	Positions	Duration	
		From	From
Hostel	Mess coordinator	2001	2003
NBA	Coordinator	2015	Till the date
IQAC	Chairman	2018	Till date
College Magazine	Editor	2013-14	2015
Building maintenance Cell	Chairman	2014	2017

• Responsibilities Taken in Department Level

1. Survey camp In-charge			
2. Staff Advisor -ACE			
3. Survey lab			
4. Fluid Mechanics Lab			
5. Environmental lab			

• Participation details in the college level event

SL.No.	Event	Position/ Role
1.	College Anti-ragging committee	Member
2.	College Day function / Rajyostsava	Chairman-Food

Responsibilities taken in University level

SL. No.	Event	Position/Role	Year
1.	Local Inspection Committee (LIC)	Member	Since 2013

2.	Board of Examination	Member	2015-16
3.	Digital Valuation Center (VTU)	Coordinator	2017,2018
4.	Paper setting, Valuation for UG/PG	---	Since 2002

• Interaction with Outside World / Invited Lectures

Sl.No.	Program	Venue and Organizer	Date
1.	FEM	NITK, surathkal	2009
2.	Modern Concrete	PCET, Belthangady	2013
3.	Concrete Mix Design	PCET, Belthangady	2013
4.	Concepts of Accreditation process	RYMCE, Bellary	2016
5.	Design of Bridges	NITK,Surthakal	2017

• No of papers reviewed for Journals and conferences: 12

Journal/Conference

- International Conference on trends and challenges for sustainability 2019 , NMAMIT Nitte
- National Conference on Advances in Science, Engineering and management 2019 at VCET Puttur
- International Journal of Pavement Engineering
- International Journal of Engineering and Earth Sciences

• Awards / Recognition / Achievements/ Others

1st Rank and Gold Medalist in MTech Structures at NITK Surathkal 2005

Dr. Chandrashekar A, Professor and Head of Civil Department

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