

I.

Name of the Faculty	Qualification			Designation (All the designations since joining the Institution)	Distribution of Teaching load (%) (Mention odd and even sem separately)			Specialisation	Date of joining the institute	Date of Birth
	Degree (Starting from highest degree)	University	Year of Graduation		1st Year	UG	PG			
						In Civil Engg	In other dept			
Dr Rajendrakumar Harsoor	Ph.D	IIT Kharagpur	2009	Professor		12 hours	--	Structural Engg	18/04/1987	02/05/1964

**List of Short Term courses / work shops Attended**

Sl. No.	Name of the course	Place (Institution)	Duration Of course
01	Design & Fabrication of Printed Circuit Board	PDA College of Engg. Gulbarga	27 <sup>th</sup> Jan to 7 <sup>th</sup> Feb 1993 (2Weeks)
02	Work shop On Earthquake	District council for Science and Technology (DCST)	28 <sup>th</sup> Feb 1994 (one day)
03	Foundation Aspect for Industrial Structures	IIT, Madras	5 <sup>th</sup> June to 9 <sup>th</sup> June 1995 (1Week)
04	Intelligent Architecture and Building Automation System	Anna University, Madras	12 <sup>th</sup> Jan to 23 <sup>rd</sup> June 1995 (2Weeks)
05	Air Pollution: Issues and Control measures in Urban Areas	S.V. Regional Engg. College, Surat.	5 <sup>th</sup> Feb to 16 <sup>th</sup> Feb 1996 (2 Weeks)
06	Eco Management of Coastal Areas	College of Engg.,Goa	26 <sup>th</sup> Feb to 10 <sup>th</sup> Mar 1996 (2weeks)
07	Computational Modelling of Geodynamic Problems	University of Roorkee (Dept. of Earthquake Engg.)	18 <sup>th</sup> Feb to 1 <sup>st</sup> Mar 1997 (2Weeks)
08	Computer application in Civil Engg.	P.D.A College of Engg. Gulbarga.	10 <sup>th</sup> June to 22 <sup>nd</sup> June 1997 (2Weeks)
09	Marine Geotechnology	S.V.U College of Engg. Tirupati.	21 <sup>st</sup> July to 26 <sup>th</sup> July 1997 (1Week)
10	Finite Element Method (workshop)	Center for continuing education I.I.Sc. Bangalore	21 <sup>st</sup> Sept to 25 <sup>th</sup> Sept 1998 (1Week)
11	Design of high rise Structures for general loading including seismic loads	Coimbatore Institute of Technology Coimbatore	15 <sup>th</sup> Nov to 28 <sup>th</sup> Nov 1999 (2 Weeks)
12	Environmental Evaluation of Development Projects (Envedep-99)	R.E.C Warangal	27 <sup>th</sup> Dec 1999 to 08 <sup>th</sup> Jan 2000 (2Weeks)
13	Ocean Dynamics for offshore and Coastal Engg. Applications	I.I.T. Madras	5 <sup>th</sup> June to 9 <sup>th</sup> June 2000 (1Week)
14	32 <sup>nd</sup> Annual Convention National Seminar of ISTE	M.A.M.I.T. Nitte.	27 <sup>th</sup> Dec to 29 <sup>th</sup> Dec 2002
15	Prospects of Fibre Reinforced Cement	P.D.A college of Engg, Gulbarga.	23 <sup>rd</sup> June to 28 <sup>th</sup> June 2003

	Composites in Structural Application		(1 Week)
16	Soft Computing Tools in Civil Engg.	I.I.T. Kharagpur	10 <sup>th</sup> Nov to 16 <sup>th</sup> Nov 2003 (1 Week)
17	Erosion and Sedimentation of River Beds.	I.I.T. Kharagpur	21 <sup>st</sup> Nov to 26 <sup>th</sup> Nov 2005 (1 Week)
18	Synthesis and Fabrication of Nanoceramics and Components and there Industrial Applications	I.I.T. Kharagpur	16 <sup>th</sup> Jan to 27 <sup>th</sup> Jan 2006 (2 Week)
19	Advance Structural Analysis.	I.I.T. Kharagpur	9 <sup>th</sup> Oct to 13 <sup>th</sup> Oct 2006 (1 Week)
20	Seismic Behaviour , Analysis and Design of Tall Structures.	NPEEE I.I.T. Kharagpur	8 <sup>th</sup> Nov to 12 <sup>th</sup> Nov 2006 (1 Week)
21	Soft Computing Tools in Civil Engg.	I.I.T. Kharagpur	13 <sup>th</sup> Nov to 19 <sup>th</sup> Nov 2006 (1 Week)
22	Sismic reliability and Life assessment of structures	NPEEE I.I.T. Kharagpur	12 <sup>th</sup> Mar to 16 <sup>th</sup> Mar 2007 (1week)
23	Chemical synthesis of ferroic ceramics: understanding on the structure	I.I.T. Kharagpur	5 <sup>th</sup> Nov to 16 <sup>th</sup> Nov 2007 (2weeks)
24	Techniques of Hydrocarbon Exploration	I.I.T. Kharagpur	19 <sup>th</sup> Nov to 24 <sup>th</sup> Nov 2007 (1week)
25	Recent Trends in Human resources development	I.I.T. Kharagpur	25 <sup>th</sup> Feb to 29 <sup>th</sup> Feb 2008 (1week)
26	Educational Leadrership	I.I.T. Kharagpur	14 <sup>th</sup> Sept to 20 <sup>th</sup> Sept 2009 (1week)
27	Advanced structural Mechanics	Dept. of Aerospace Engg. I.I.Sc. Bangalore	2 <sup>nd</sup> January to 6 <sup>th</sup> January 2010 (1week)
2	Accreditation Process as per Jan 2013 Format of NBA	PESIT Bangalore	29 <sup>th</sup> April 2013 And 9-11 May 2013
29	VTU International CANEUS Symposium on Aerospace and Energy Sectors (VICAS-2013)	Centre of anotechnology VTU Belgaum	19 - 20 April 2013

30	Curriculum Development Using outcome based Education in Engineering	M.S.R.I.T. Bangalore	27-28 June 2013
31	SWOT Analysis and Institutional Development Plan	B.M.S.College of Engineering Bangalore	12 Nov 2013
32	Thermal Comfort in Hot and Dry Climate for Residential Buildings	P.D.A.College Of Engineering Gulbarga	21 <sup>st</sup> July to 26 <sup>th</sup> July 2014
33	Entrepreneureship Development	P.D.A.College Of Engineering Gulbarga	19 <sup>th</sup> September to 20 <sup>th</sup> September 2014

III. Details of short term course/workshops/conference (National or International) conducted

<b>International Conferences / Refresher Courses etc. Conducted</b>		
<b>Co-Ordinator, Faculty Development Programme</b> Sponsored by VGST Bangalore and VTU Belgaum	<b>Seismic Behavior: Analysis and design of structures</b>	<b>22<sup>nd</sup> - 26<sup>th</sup> March 2010</b>
<b>Co-ordinator, Work shop</b> Sponsored by TEQIP-II SPFU Bangalore	<b>Understanding of Jan2013 Format of NBA</b>	<b>16<sup>th</sup> -18<sup>th</sup> August 2013</b>
<b>Organizing secretary, International Conference on Recent Innovations in Civil Engineering IC-RICE-2013</b> Sponsored by TEQIP-II SPFU Bangalore	<b>Civil Engineering</b>	<b>25<sup>th</sup> -27<sup>th</sup> October 2013</b>

IV. Details of research publications in National/International conference since from joining

<b>List of Publications</b>	
<b>In National Conference</b>	<p><b>Rajendrakumar Harsoor and L.S. Ramachandra</b>, "Further Experimental Investigation on Notched Clamped Beams under Impact Loads", proceedings of ETC ID-2008, National conference on Emerging Trends in Civil Engineering February 15-16 2008, NIT Raipur (Chattisgarh State). ETC ID-2008 / pp</p>
<b>In International Conference</b>	<p><b>Rajendrakumar Harsoor, L.S. Ramachandra</b>, "Experimental Investigation of Notched Mild Steel Beams Subjected Low Velocity Impact", Proceedings of 8<sup>th</sup> International conference on Vibration Problems (ICOVO-2007), held at Bengal Engineering and Science University, BESU, Shibpur, Howrah India, during January 30-February 3, 2007,</p> <p><b>Rajendrakumar Harsoor, L.S. Ramachandra</b>, "Influence of Notches on the Elasto Plastic Impact Response of Mild Steel Beams Subjected to Low Velocity Impact", Proceedings of 9<sup>th</sup> International Symposium on "Plasticity and Impact Mechanics" (IMPLAST-2007), 21-23 August 2007, Ruhr-University, Bochum, GERMANY pp, 133-150.</p> <p><b>Rajendrakumar Harsoor, L.S. Ramachandra</b>, "Influence of Membrane force on the Elasto Plastic Response of Beams Subjected to Low Velocity Impact", Proceedings of ICTACEM 2007, International Conference on Theoretical, Applied, Computational and Experimental Mechanics December 27-29, 2007, IIT Kharagpur, India ICTACEM-2007/ pp 668-670.</p> <p><b>Rajendrakumar Harsoor and L.S. Ramachandra</b>, "Further Experimental Studies on Notched Cantilever Beams", ", Proceedings of ASEM'08, 3<sup>rd</sup> International Conference on Advances in Structural Engineering and Mechanics (ASEM'08), 26-28 May 2008 in Jeju, Korea. ASEM'08 (Korea) / pp</p> <p><b>Mithun Kumar, Shivaraj Mangalagi, Rajendrakumar Harsoor (2013)</b>  "Behavior Of R.C.C. Beam With Circular Opening Strengthened By CFRP And GFRP Sheets" <b>IC-RICE-2013 : International Conference on Recent Innovations in Civil Engineering organized by Civil Engineering Department, P D A College of Engineering, Gulbarga proceedings</b> PP 180-185</p> <p><b>Rakesh Diggikar, Shivaraj Mangalagi, Rajendrakumar Harsoor (2013)</b>  "Behavior Of R.C.C. Beam With Rectangular Opening Strengthened By CFRP And GFRP Sheets" <b>International Journal of Research in Engineering and Technology</b> Vol 2, Issue 11 PP 186-191</p>

<b>In International Journals</b>	<p><b>Rajendrakumar Harsoor, L.S. Ramachandra, (2009)</b>“Influence of Notch on The Elastic-Plastic Response of Clamped Beams Subjected to Low Velocity Impact” International Journal of Impact Engineering. Vol. 36, pp.1058-1069.</p> <p><b>Mithun Kumar, Shivaraj Mangalagi, Rajendrakumar Harsoor (2013)</b>  “Behavior Of R.C.C. Beam With Circular Opening Strengthened By CFRP And GFRP Sheets” <b>International Journal of Research in Engineering and Technology</b> Vol 2, Issue 11 PP 92-96</p> <p><b>Rakesh Diggikar, Shivaraj Mangalagi, Rajendrakumar Harsoor (2013)</b>  “Behavior Of R.C.C. Beam With Rectangular Opening Strengthened By CFRP And GFRP Sheets” <b>International Journal of Research in Engineering and Technology</b> Vol 2, Issue 11 PP 97-101</p>
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Title of the Paper	Name of Conference	Date	Type of conference (National or International)

V. Details of research publications refreed National Journals since from joining

Title of Paper	Name of Journal	Volume No	Issue No	Page No	Year of Publication	Impact factor / citation factor

VI. Details of research publications in refereed International Journals

Title of Paper	Name of Journal	Volume No	Issue No	Page No	Year of Publication	Impact factor / Citation factor

VII. No. of funded of R & D project completed/ongoing since joining

Name of principal investigator	Name of co-principal investigator	Title of R & D Project	Name of funded organisation	Amount of fund	Period (Duration)	Status completed/ongoing
<b>NIL</b>						

VIII. No. of Guest lecture given since from joining

Name of the Faculty	Topic Name	Name of the event/organisation in which guest lecture delivered	Date & No. of hours
Dr Rajendrakumar Harsoor	Elasto plastic Response of Mild steel Beams subjected to Low Velocity	<b>Special Lecture</b> At Rao Bahadur College of Engg Bellary	21 <sup>st</sup> September 2015 2 hrs



IX. Mention the role in curriculum development of Civil Engineering Programme : As a member of BOS of Civil Engg, As a Academic Dean

X. Innovations by the faculty in teaching and learning

(Other than power point presentation and black board teaching)

XI. Mention the role in development of laboratories/instructional materials (working models/charts/monograms)/ product development

### **Written a Lab Manual for Concrete Lab in 2004**

XII. No. of PhD Students guided

Name of the Faculty	No. of PhD awarded	No. of PhD scholars guided
Dr Rajendrakumar Harsoor	-----nil-----	6 nos

XIII. Mention the details of any consultancy works taken from industries :

### **Involved in All consultancy works taken by the department**

XIV. Provide details of membership of Professional bodies

<b>Professional Memberships</b>		
<b>Professional Body</b>	<b>Membership No.</b>	<b>Type of Membership</b>
Institution of Engineers India (Calcutta)	M.I.E. (M-122466-7)	Life Member
Indian Society of Technical Education	I.S.T.E. (LM-7772)	Life Member
Indian Society of Earthquake Technology	I.S.E.T. (LM-887)	Life member
Institution of Valuers	F.I.V. (F-20181)	Life Member

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