

## Curriculum Vitae

1. Name: **Dr. Abhinandan R. Gupta**

2. Designation & Department: **M.E Coordinator , Dept. of Civil Engineering**

3. Correspondence address : **“Om Harshnandan”,  
Birla Third Building,  
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Pin Code- 444001.  
State- Maharashtra.  
Country- India.**



4. Email(s) and contact number (s) : [gupta.abhinandan@gmail.com](mailto:gupta.abhinandan@gmail.com) , conct: **09822278502**

5. Date of Birth : **29<sup>th</sup> May , 1982**

### 6. Academic Qualification

Qualification	Board/ University	Year of passing	CGPA/ Percentage	Achievement
<b>PhD (Civil)</b>	S.G.B Amt. University	2016	--	---
<b>M.E (Structural Engg)</b>	S.G.B Amt. University	2012	CGPA: 9.10	University Rank Holder (Distinction)
<b>MBA (Project Mgmt)</b>	SM University	2009	81 % Grade A ( Excellent)	Mh. state 1 <sup>st</sup> rank Holder. (Distinction)
<b>Masters in Adv. Construction Mgmt.</b>	NICMAR, GOA	2008	CGPA :9.00	Merit/Gold Medalist (Distinction)
<b>B.E (Civil)</b>	S.G.B Amt. University	2007	84.00 %	University Rank Holder(Distinction)
<b>B. in Journalism</b>	EIILM University	2010	72.00 %	I- Division

## 7. Ph.D thesis / Masters Dissertation title, Year of Award.

- **Thesis Ph.D. (Civil)** : Sustainable Construction Engineering And Management – Paradigms For Optimizing Resources., Feb 2016
- **Thesis /Project M.E ( Struct. Engg.)** : Finite Element Analysis of Prestress Water Tank. 2012
- **Project in Masters in Adv. Const Mgmt:** Rehabilitation and Resettlement Management for PAF of Mega projects.2008
- **Thesis in Masters in ACM** : Planning, Development and Management set up for TATA Consultancy Regional Administrative Office ( Mumbai Region) 2007
- **Project MBA** : Analysis and Design pattern for Resource Mgmt in Construction Industry 2010

## 8. Work experience

S.No.	Designation	Name of the Institute	From	To
1	Planning Manager	Simplex Infrastructure Pvt. Ptd	2008	2009
2	Faculty	C.O.E.T, Akola	2009	Till date

## 9. Professional Recognition

- Life Member of **Indian Water Works Association:** LM-8319, Since Oct. 2015.
- Life Member of **Institution of Engineers, India** : G-544270-3 , Since Nov.2007
- **Chartered Engineer:** IEL.
- Life Member of **Indian Society for Technical Education** : LM 69390 , Since 2010.

## Award/ Achievement/ Certificate received.

- Certificate of Appreciation for being awarded Ph. D. by the hands of Padmavibhushan Dr. A.Kakodkar & Padmabhushan Dr. V. Bhatkar , 13<sup>th</sup> Feb, 2016.
- Rank Holder in M.E (Structural Engg. ) S.G.B. Amravati University , scored CGPI : 9.10
- Merit / Topper in PG, Masters in Adv. Const. Mgmt, NICMAR. ( Gold Medalist)
- Topper at State Level, Maharashtra Region in MBA, Project Mgmt.
- Rank Holder in B.E Civil, S.G.B Amt. University.

## 10. Publications

### I) Research Paper Published in International Journals / Books /Web Portals :

**Published more than 45 papers , some of them mentioned here.**

- 1) Energy Efficient Construction Materials , Key Engineering Material , e- ISSN 1662-9795,print -ISSN 1013-9826, Trans Tech Publication , Switzerland , Elsevier (SCOPUS) Indexed , Vol. 678 , (2016) pp, 35-49.
- 2) Building Operation Energy Optimization Technique , Waste Filled Cavity Wall , Key Engineering Material , e- ISSN 1662-9795,print -ISSN 1013-9826Trans Tech Publication , Switzerland , , Elsevier (SCOPUS) Indexed, Vol. 666 , (2016) pp, 107-122, date 2015-10-09.
- 3) Structural Stability Check of Various Waste mix Concrete Material , Key Engineering Material , e- ISSN 1662-9795,print -ISSN 1013-9826Trans Tech Publication , Switzerland , , Elsevier (SCOPUS) Indexed, Vol. 666 , (2016) pp, 47-62, date 2015-10-09.
- 4) Energy and Structure, 'International Journal of Pure and Applied Research in Engineering & Technology, ISSN:2319-507X, I.F 4.226, Volume 5(2), Issue : Sept, pp1-8.
- 5) Behaviour of RCC Structure subjected to seismic forces with different substructures , 'International Journal of Pure and Applied Research in Engineering & Technology, ISSN:2319-507X, I.F 4.226, Volume 5(2), Issue : Sept, pp702-709.
- 6) Resource Optimization Strategy : C & D Waste ,Special Issue for National Conference RERA, 'International Journal of Pure and Applied Research in Engineering & Technology, ISSN:2319-507X, I.F 4.226, Volume 4(8), Issue : March, pp100-109.
- 7) Seismic analysis and comparison of RCC building with various Substructures, Special Issue for National Conference RERA, 'International Journal of Pure and Applied Research in Engineering & Technology, ISSN:2319-507X, I.F 4.226, Volume 4(8), Issue : March, pp 86-99.
- 8) Stability Analysis of Steel Foot Bridge for Human Resource Safety, 'International Journal of Pure and Applied Research in Engineering & Technology, ISSN:2319-507X, I.F 4.226, Volume 4(8), Issue : March, pp 161-170.
- 9) Effect of Shape and Size for FEM analysis of Plate element, International Journal of Pure and Applied Research in Engineering & Technology, ISSN:2319-507X, I.F 4.226, Volume 4(8), Issue : March, pp 319-324.
- 10) Comparative strength Analysis of Various Age RCC Members using NDT ( Rebound Hammer and UPV) , IORD, e-ISSN 2348-0831, Volume 2, Issue 2, 2015.

### II) International Conference papers :

- 1) Energy and Structures, "International Conference – Innovations in Science & Technology: Opportunities and Challenges , 2<sup>nd</sup> Sept, C.O.E.T, Akola , In association with ISTE, New Delhi & Indian Water Work Association.
- 2) Behaviour of RCC Structure subjected to seismic forces with different substructures- Innovations in Science & Technology: Opportunities and Challenges , 2<sup>nd</sup> Sept, C.O.E.T, Akola , In association with ISTE, New Delhi & Indian Water Work Association.

- 3) Seismic analysis of RCC building resting on sloping ground , “International conference on sustainable development, C.O.E.T , Bambhori , Jalgoan , Feb 25-26, 2014.
- 4) International Conference “ Advent trends in engineering, Science and Technology, organized by IJRAT , Amravati on 8<sup>th</sup> March 2015.
- 5) International Conference ‘Anveshan’- Effect of Mesh Density for Plate Element in Finite Element Analysis , 23<sup>rd</sup> Jan,2014.
- 6) International Conference ‘Anveshan’ -Stability Analysis of Gravity Dam , 23<sup>rd</sup> Jan,2014.
- 7) International Conference ‘Anveshan’ –Sustainable Methodology for Mega Disaster Mangment, 23<sup>rd</sup> Jan,2014.
- 8) Design Of Prestress water tank, Novel Horizon and prospect of Industry Institute Interaction, Wardha, 5<sup>th</sup> & 6<sup>th</sup> Feb, 2012.
- 9) Economical Design of circular structure- Tanks, Novel Horizon and prospect of Industry Institute Interaction, Wardha, 25<sup>th</sup> Jan. 2012.
- 10) Finite element Analysis Of structure, Innovative Approaches in Civil Engineering, Nanded , 7 & 8th April 2012 , ISBN: 978 81 906467 0 8,

### III) National Conference papers

**Published more than 25 papers , some of them highlighted here.**

- 1) Resource Optimization Strategy : C & D waste Management , ‘Renewable Energy Resources & Its Applications’. C.O.E.T, Akola , April 2<sup>nd</sup> , 2016.
- 2) Seismic Analysis and Comparison of RCC building with various Substructures , ‘Renewable Energy Resources & Its Applications’. C.O.E.T, Akola , April 2<sup>nd</sup> , 2016.
- 3) Stability Analysis of Steel Foot Bridge for Human Resource Safety, ‘Renewable Energy Resources & Its Applications’. C.O.E.T, Akola , April 2<sup>nd</sup> , 2016.
- 4) Effect of Shape and Size for FEM analysis of Plate element, NC- RERA, C.O.E.T.A 2016.
- 5) To study the effect of age on compressive strength of various RCC members using the Rebound Hammer test , “ Sustainable Technologies in Civil Engineering” , C.O.E.T, Akola , 15<sup>th</sup> April 2015.

### 11. Detail of STTPs/ Workshop attended

- 1) ISTE approved Two Weeks interdisciplinary STTP on “Sustainable Materials and Its Engineering Applications” 20<sup>th</sup> April to 29<sup>th</sup> April, 2016 at C.O.E.T, Akola.
- 2) ISTE approved Two Weeks interdisciplinary STTP on “Open Source Technologies for Engineering Applications and Research”, 7<sup>th</sup> Dec. to 17<sup>th</sup> Dec, 2015 at C.O.E.T, Akola.
- 3) One day workshop on ‘Hands on Total Station’ C.O.E.T, Dec, 2015 Akola.
- 4) ISTE approved one week interdisciplinary STTP on “Recent Trend in Engineering & Technology” , 11<sup>th</sup> to 15<sup>th</sup> May 2015 at C.O.E.T, Akola.
- 5) Accreditation (NBA) Awareness workshop held at S.G.B.A. University, 17<sup>th</sup> March 2015.
- 6) ISTE approved Two Weeks interdisciplinary STTP on “Soft Computing for Engineering Applications and Research”, April 22<sup>nd</sup> to May 4<sup>th</sup> 2015 at C.O.E.T, Akola

- 7) S.G.B. Amravati University organized two days workshop on “Restructuring of Syllabi of Civil Engineering” 30 & 31<sup>st</sup> Jan, 2015 at B.N.C.O.E, Pusad.
- 8) ISTE approved Two Weeks interdisciplinary STTP on “Low Cost Automation In Industries” , 21<sup>st</sup> April to 3<sup>rd</sup> May 2014 at C.O.E.T, Akola.
- 9) ISTE approved Two Weeks interdisciplinary STTP on “Sustainable Technologies and Their Application”, 7<sup>th</sup> April to 18<sup>th</sup> April 2014 at C.O.E.T, Akola.
- 10) One day workshop on “Role of Teachers in Quality Education”, C.O.E.T.A & ISTE, 27<sup>th</sup> July 2013.
- 11) S.G.B. Amravati Universities B.E/M.E civil syllabus Structure reframing and redesigning one day work shop, COET, Akola, 8<sup>th</sup> Feb 2012.

## **12. Books Published & Reviewed:**

- 1) Author of Energy Efficient Construction Materials , Book Entitled “Materials and Technologies on Construction with reference to Energy Efficiency and Sustainable Development, Key Engineering Material , Trans Tech Publications Ltd. ISSN Print 1013-9826, CD- 1662-9809, Web- 1662-9795. Indexed by Elsevier : SCOPUS, CSA, CPX, SJR, EBSCO.
- 2) Reviewed Elsevier S & T Book Proposal , Handbook of Green Building Design and Construction : LEED, BREEAM, and Green Globes , 2<sup>nd</sup> Edition, author Sam Kubba.dt. 24/12/2016.

## **13. Other Achievements**

### **Event Organized:**

- 1) Organized being Organizing Secretary of International Level Conference in association with ISTE , New Delhi & IWWA on “ Innovations in Science & Technology : Opportunities & Challenges” C.O.E.T, Akola 2<sup>nd</sup> Sept, 2016
- 2) Organized being Organizing secretary of National Level Conference “Renewable Energy & its Application” scheduled for 2<sup>nd</sup> April 2016, being organizing secretary.
- 3) Organized national level U.G , P.G student event “ Kaushalya 2015” being coordinator , 3<sup>rd</sup> Oct, 2015.
- 4) Organized being Organizing Secretary of National Level Conference in association with IWWA “Sustainable Technologies in Civil Engineering”, C.O.E.T, Akola 15<sup>th</sup> April 2015.
- 5) Organized being Coordinator of ISTE approved One week interdisciplinary STTP on “Recent Trends in Engineering & Technology”, 11<sup>th</sup> May to 15<sup>th</sup> May, 2015.
- 6) Organized being Coordinator of ISTE approved Two Weeks interdisciplinary STTP on “Sustainable Technologies and Their Application”, 7<sup>th</sup> April to 18<sup>th</sup> April 2014.
- 7) Organized being faculty coordinator of Techno-Champ 2015 , IIT Guwahati national level event “ Alcheringa 2015.
- 8) Organized two days national level U.G , P.G student event “ Kaushalya 2014” being convener , 26<sup>th</sup> and 27<sup>th</sup> sept.2014.

- 9) Being one of the coordinator in National Level Technical Event Techno-Thlon , from year 2011 till present year 2016.
- 10) One of the Co-coordinator in various events of College Annual functions from year 2009 till present year 2016.
- 11) Organizing , conducting , Counseling, orienting and developing civil students by being In-Charge of Civil Engineering Students Academic Association for the year 2009-10,11, 12 ,13, 14,15 and 2016 till date . And was Secretary of same in student life too.

#### **Expert Lectures delivered**

- 1) Conducted session on 24<sup>th</sup> April 2016, being resource person in ISTE approved two weeks STTP “ Sustainable Materials and its Engineering Applications” , 20<sup>th</sup> April to 29<sup>th</sup> April 2016.
- 2) Conducted session on 13<sup>th</sup> may 2015 ,being resource person in ISTE approved one week STTP “ Recent Trends in Engineering & Technology” ,11<sup>th</sup> to 15<sup>th</sup> May 2015.
- 3) Conducted session on 8<sup>th</sup> and 9<sup>th</sup> April 2014 , being resource person in ISTE approved Two week STTP “Sustainable Technologies and their applications”.
- 4) Delivered expert lecture in G.H. Raisoni College Amravati on Microsoft project planner, Feb 2013.

#### **Portfolios/ Work en shouldered**

- Coordinator of M.E Structural Engineering.
- Student Counseling and welfare In-charge of institute.
- Committee member of AICTE affairs .
- En shoulders works and correspondence related to All India Survey of Higher Education- Ministry of Human Resource- GOI
- Institutional In charge of ISTE/ IEE 2014-15.
- Faculty In-charge of CESAA- students academic association, since 2009 to till 2016.

**14: Field of Expertise / Specialization:** Structural Engineering, Sustainable Construction Method and Management, Project Management, Earthquake Engineering.

Guided 16 students of M.E ( Structural Engineering ) till date.

**14/01/2017     Dr. A.R.Gupta**

Date and Sign