

Bio-data



S.V. Dinesh Ph.D.

Professor

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(I) EDUCATIONAL QUALIFICATIONS

Degree	Specialization	Year of passing/class	University
Post-Doctoral	Earthquake Geotechnical Engineering	2005-06	Yamaguchi University, UBE, Japan
Ph.D	Geotechnical Engineering	2003	IISc, Bangalore
M.E	Geotechnical Engineering	1992	Bangalore University
B.E	Civil Engineering	1987	Bangalore University

FELLOWSHIPS

- **Recipient of National Programme on Earthquake Engineering Education (NPEEE) Fellowship, MHRD, Govt of India, 2005-06 for international research training in the area of Earthquake Engineering in Japan.**
- Recipient of Institution of Engineers Fellowship, India, 1982-1986.

(II) PROFESSIONAL EXPERIENCE

Name of the Employer	Designation/Position Held	From	To
Siddaganga Institute of Technology, Tumkur	Head of the Department	May 2011	Till date
Siddaganga Institute of Technology, Tumkur	Programme Coordinator TEQIP-Phase II	Aug 2010	Till date
Siddaganga Institute of Technology, Tumkur	Programme Coordinator TEQIP-Phase I	April 2004	2009
Siddaganga Institute of Technology, Tumkur	Professor	March 2007	Till date
Siddaganga Institute of Technology, Tumkur	Assistant Professor	Nov 2003	March 2007
Siddaganga Institute of Technology, Tumkur	Lecturer	Dec 2002	Nov 2003
Department of Civil Engg Indian Institute of Science Bangalore	Research scholar	Jan 1999	2002
Siddaganga Institute of Technology, Tumkur	Lecturer	1991	Dec 1998

(III) COURSES TAUGHT/TEACHING INTERESTS

Name of the program	Course Title
UG Civil Engineering	Geotechnical Engineering – I
	Geotechnical Engineering – II
	Strength of Materials
	Structural Dynamics and Vibration control
	Elements of Civil Engineering
	Numerical Methods in Civil Engineering
	Structural Dynamics
PG- Structures	Theory of Elasticity (Mechanics of Deformable Bodies)
	Structural Dynamics
	Earthquake Resistant Design of Structures
	Design of Sub-Structures
PG- Transportation Engineering and Management	Applied Soil Mechanics
	Transportation structures
	Designing with Geosynthetics

(IV) R& D ACTIVITIES

A) AREAS OF RESEARCH

1. **Constitutive Modeling of Geomaterials using Discrete Element Modeling**
2. **Soil Dynamics and Earthquake Geotechnical Engineering** – (Liquefaction, Pore pressure generation, Dynamic properties, shear wave velocity, Ground Response Analysis) – Interaction with IISc, UVCE
3. **Soil Pollutant interaction studies** – Interaction with IISc,
4. **Stabilization and Ground improvement**
5. **Pavement Materials, Pavement Analysis and Design**
6. **Seismic Vulnerability assessment** of dams and urban areas
7. **Erosion Studies** – collaborative work with Prof. T. Gangadharaiah (Former Professor, IIT Kanpur), Prof. B.V. Ravishankar (BMS College of Engg, Bangalore) and Mr. Ramesh P.S. (SJBIT, Bangalore)

B) Ph.D GUIDANCE DETAILS:

Sl. No	Name of the Research Scholar	Title of Thesis	Year Started	Year Completed	Joint guide(s) if any
1.	T.S. Umesha	Effect of pollutants on the Geotechnical properties of soils	2004	2012	
2.	Mahesh Kumar, G	Effect of Fines Content on the Cyclic Response of Sandy Soil	2005	2014	Prof. T Gangadharaiah, Professor, Dept. of Civil Engg, SIT, Tumakuru
3.	B.G. Shivaprakash	Dynamic Properties of Soils and 1D Nonlinear Ground Response Analysis of Deep Soil Deposits	2007		
4.	Naveen P.C	Stabilization of Soft Soils	2004		Prof. Venkantsubramanya Professor, Dept. of Civil Engg., MSRIT, Bangalore
5.	P.S. Ramesh	Erosion of Clay beds			Prof. B.V. Ravishankar, Professor, Dept. of Civil Engg., BMS College of Engg, Bangalore

6.	Muttana S. Balreddy	Liquefaction and Post liquefaction behavior Sand-Fines mixtures	2011	-	Prof. T G Sitharam, Professor, Dept. of Civil Engg., IISc, Bangalore
7.	K.H. Mamatha	Resilient Modulus of soils	2012		

C) M.TECH GUIDANCE DETAILS:

Sl. No	Name of the Student	Title of Thesis	Year Completed	Joint guide(s) if any
1.	Santosh A.C.	Fracture Energy of High and Normal strength Concrete Beams	2004	
2.	Manjunath	Fracture Energy of fly-ash replaced concrete beams	2005	
3.	Muttana S Balreddy	Liquefaction potential of Ahmedabad Sands	2007	Prof. K.G. Guptha, Prof and Head, Goa College of Engineering, Goa.
4.	Indrani, K.M	Resilient Modulus of Sub-grade Soils	2009	Prof. A.U. Ravishankar, Professor, Dept. of Civil Engg., NITK, Surathkal
5.	Vikram Sajjan Shetty	Response Evaluation of RC Frame with Damper under Earthquake Load	2009	Dr. R. Ramesh Babu, Additional Director, EVRC, CPRI, Bangalore
6.	Ravishankar	Dynamic Properties of Shock Table Application on Brick Masonry Models	2009	Dr. S. Raghunath, Professor, BMS College of Engineering, Bangalore
7.	Rajesh K	Fatigue and Resilient behavior of cement flyash stabilized silty sand	2010	Prof. A.U. Ravishankar, Professor, Dept. of Civil Engg., NITK, Surathkal
8.	Mohan N	Corrosion behavior of Reinforcement in OPC and PPC based concrete	2010	Dr. B.H Bharath Kumar, Scientist, Advanced Materials Lab, SERC, Chennai
9.	Hariprasad H V	Investigations on the lateral load resistance mechanics of solid and coupled shear walls	2010	Dr. N. Gopalakrishnan, Scientist, ASTAR Lab, SERC, Chennai.
10.	Ashwin, K.N.	Static and Vibration behavior of	2011	Dr. K. Ramanjaneyulu,

		skew slab bridge decks		Senior Principal Scientist and Head, Bridge Engineering Group, SERC, Chennai
11.	Venkatesh, K.V	Shear Behaviour of Reinforced Concrete Beams without and with CFRP wrapping	2011	Dr. Balaji Rao, Senior Principal Scientist and Head, Risk and Reliability Group, SERC, Chennai
12.	Shivaraj M	Development of Damage Diagnostic Techniques for Structural Health Monitoring	2012	Dr Rama Mohan Rao, Senior Principal Scientist, Parallel Processing Group, CSIR-SERC, Chennai
13.	Mamatha K H	Resilient Modulus of Silty Sand	2012	
14.	Vidya Doddwad	Resilient Modulus of Cohesive Soil		Muttana S Balreddy, Assistant Professor, Dept. of Civil Engg., SIT, Tumkur
15.	Abhimanyu U	Structural Damage Identification using wavelet Analysis	2012	1. Dr. M. Manjuprasad Senior Principal Scientist, Structural Technologies Division, CSIR, NAL, Bangalore. 2. Dr.S V.Narasimhan Emeritus Scientist, Aerospace Electronics and Systems Division, CSIRNAL, Bangalore
16.	Mohammed Zuber Inamder	Experimental Investigation of Stabilized soft soil	2012	
17.	Avinash N R	Flexible Pavement Evaluation of Urban Roads – A Case Study	2013	Sri D Prasad Vice President, India International Infrastructure Engineers Ltd, Bangalore
18.	Vinay H N	Rehabilitation of Low Volume Flexible Pavements by White topping – A Case Study	2013	Sri D Prasad Vice President, India International Infrastructure Engineers Ltd, Bangalore
19.	Veeresh A Salimath	Evaluation of Use of Geocells in Flexible Pavements	2013	
20.	Keerthi H G	Studies on Fatigue Life Prediction of Plate with Multi	2013	1. Dr. D V T G Pavan Kumar

		Stress Concentration Zones Using FEM		Principal Scientist, Structural Technologies Division, CSIR, NAL, Bangalore 2. Dr. M. Manjunasad Senior Principal Scientist, Structural Technologies Division, CSIR, NAL, Bangalore.
21.	Manjunath S N	Response Spectrum of Deep Soil Sites by Considering Site Specific Data	2013	
22.	Manjunath Maralappanavar	Influence of Geocells on the Performance of Flexible Pavements	2014	
23.	Sandeepa M C	Performance of Geogrids in Flexible Pavements	2014	
24.	Manoj P	Evaluation of Low Volume Flexible Pavements	2014	
25.	Nanda H M	Comparative Study of Rheological and Marshall Properties of base and Modified Bituminous Binders	2014	Dr Anand Tadas, Product Technical Specialist, Malvern Aimil Ltd., Bengaluru
26.	Shreekanth Tippanna Konnur	An Experimental Investigation of Chemical and Rheological Changes of Virgin Bitumen Blended with RAP Binder	2014	Dr H S Lalithamba Associate Professor Dept. of Chemistry SIT, Tumakuru
27.	Subramni A.V.	Seismic Response of Gravity Dam	2014	
28.	Harish K S	Seismic Response of Earth Dam	2014	
29.	Manish S	Seismic Vulnerability Assessment of Buildings Using Rapid Visual Screening and Pushover Techniques	2014	
30.	Ashwini Shanbhag	An Experimental Investigation of the Physical, Chemical and Rheological Properties of RAP modified Asphalt Binder.	2015	1. Dr Anand Tadas, Product Technical Specialist, Malvern Aimil Ltd., Bengaluru 2. Dr H S Lalithamba Associate Professor Dept. of Chemistry SIT, Tumakuru

31.	Sarfraz	Analysis and Design study of Offshore Central Control Room Building for Various Loading Conditions Using Different Codes of Practice.	2015	H V Shankar Director, OCTA Engineers (Design) Pvt. Ltd Bangalore
32.	Naveena T P	Performance of Geogrids in Flexible Pavements	2015	
33.	Dilip Kumar	Performance Evaluation of Geocell Reinforced Model Flexible Pavement under Repetitive Load	2015	
34.	Ashok E	Seismic Vulnerability Assessment of RC Buildings using Pushover Analysis	2015	

D) MSc (Engg) BY RESEARCH GUIDANCE DETAILS :

Sl. No	Name of the Research Scholar	Title of Thesis	Year Started	Year Completed	Joint guide(s) if any
1.	H B Mallesh	Inter linking of Tanks in the Command of Hemavathy Project Tumkur	2011		

E) LIST OF SPONSORED RESEARCH PROJECTS

No	Role	Title	Agency	Value	Period	Co-Investigators
1	Principal Investigator	“Evaluation of Liquefaction potential based on cone penetration resistance and shear wave velocity”	DST-Seismology Division	Rs 31.67 Lakhs	August 2006 –July 2011	Dr. T.G. Sitharam, Professor, Dept. of Civil Engineering, IISc, Bangalore
2	Co-investigator	Site Characterization of Indo-Gangetic plains with Studies of Site Response and Liquefaction Hazards	DST-Seismology Division	Rs 60 Lakhs	January 2008 – December 2010	1. Dr. T.G. Sitharam, Professor, Dept. of Civil Engineering, IISc, Bangalore – PI 2. Dr. Madhavi Latha, Asst. Professor, IISc- Co-PI 3. Dr. Anbazaghan, Scientific Officer, IISc, Bangalore- Co-PI 4. Dr. Srinagesh, NGRI, Hyderabad-

						Co-PI 5. Dr. Chadda, NGRI, Hyderabad- Co-PI
3	Co-investigator	Investigation of Repair and Retrofitting of concrete structures using advanced concretes such as self compacting concrete and Geopolymer concrete	VTU	Rs 6.5 lakhs	2011-2014	Dr. K P Shivananda Professor, Dept. of Civil Engineering - PI
4	Principal Investigator	Liquefaction potential of Sand-clay Mixtures	AICTE	Rs 5.0 lakhs	2012-15	Muttana S Balreddy Assistant Professor Dept. of Civil Engg, SIT, Tumakuru

Best M.Tech Project Award

The project “Static and Vibration behavior of skew slab bridge decks” by Ashwin K.N. M.Tech student was awarded “Sundaram Merit Award”, by the Association of Consulting Civil Engineers (India).

Membership of Professional Bodies

- (i) Life member of Indian Geotechnical Society (IGS)
- (ii) Life member of Indian Society of Earthquake Technology (ISET)
- (iii) Member ASCE
- (iv) Executive committee member, Karnataka Geotechnical Center.
- (v) Life Member of Institution of Engineers
- (vi) Member Indian Society for Technical Education (ISTE)
- (vii) Life Member, Indian Road Congress (IRC), New Delhi.
- (viii) Membership of International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE) for 2014-2017.

F) PUBLICATIONS DETAILS

	Total
Published in International Journals	
Published in National Journals	19
Presented in International Conferences	26
Presented in national Conferences/Seminars/ Symposia	35

ABROAD VISITS.

- a. Visited **Yamaguchi University, 2-16-1, Tokiwadai, UBE, JAPAN** as short term researcher for 5 weeks from (3rd June 2000 to 9th July 2000) for carrying out collaborative research in the area of "Mechanics of granular materials: A discrete

element approach" on an invitation from **Prof. Norikazu Shimizu and Prof. T. G. Sitharam** at the Geotechnical Structures and Construction Engineering Group.

- b. **Visited Nanyang Technological university, Singapore**, during the first week of July, 2001 and visited research laboratories and participated in the discussions with **Prof. Harianto Rahardjo (Vice-Dean) and Prof. Chu-Jian**
- c. **Visited National University of Singapore**, Singapore during the first week of July, 2001 and visited research laboratories and participated in the discussions with **Prof. Ganesh Dasari**. Acquainted with **centrifuge modeling** testing facility
- d. **Department of Civil Engineering, Yamaguchi University, UBE, JAPAN** for post-doctoral research work during 2005-06 on NPEEE fellowship of MHRD, Government of India.

CONFERENCE PRESENTATIONS

- a. Presented a paper in the **International Conference on Materials for Advanced Technologies** in the symposium L: **Modeling Materials and its Applications in Advanced Technologies**, 1-6th July 2001, Singapore.
- b. Presented a paper in the **International Conference on Civil Engineering (ICCE-2001), 23-25th July 2001, Bangalore, India**,
- c. Presented a paper in the **International Conference on Seismic Hazard with particular reference to Bhuj earthquake of January 26, 2001** organized by the Department of Science and Technology (DST) at New Delhi, India.
- d. Presented a paper in the **National Symposium on Advances in Geotechnical Engineering (NSAGE) July 22-23, 2004** at Indian Institute of Science, Bangalore, India.

INVITED SPEAKER

- **Delivered a lecture on the “Simulation of Liquefaction behavior of granular materials by Discrete Element Method” in the work-shop on Current Practices and Future Trends in Earthquake Geotechnical Engineering, 23-24, December 2003, at the Department of Civil Engineering, Indian Institute of Science, Sponsored by the Seismology Division, Department of Science and Technology, Govt of India.**

- Delivered a lecture on the “*constitutive behavior of soils*” in a workshop on “**Recent trends in Geotechnical Engineering**” for Engineering college teachers at Ghousia Institute of Technology, Ramanagaram, Bangalore District, Karnataka as part of the continuing education program 8-10th March 2003.
- Delivered a lecture on “**Introduction to earthquake engineering**” in the workshop entitled “**Earthquake response of ground and structures**” at Siddaganga Institute of Technology, Tumkur, during 23-28th February, 2003
- Delivered a lecture on “**Static and cyclic behavior of granular media by Discrete Element Method**” at Yamaguchi University, Japan, 17th November 2005.
- Delivered a lecture on “**Dynamic Properties of Sand-Clay mixtures**” in the workshop on Earthquake Engineering for teachers at IIT Roorkee September 2006.
- Invited for the workshop on “**Earthquake Engineering Education in India - Looking ahead**” organized by NPEEE at IIT Delhi on 5th January 2007 (Participation was strictly by Invitation)
- Delivered **6 lectures** on Stability of Slopes for **students of VTU through VTU- E learning centre.**

Publications in Journals

Publications in International

1. Sitharam T.G. **Dinesh S.V.**, and Srinivasa Murthy B.R. (2003) Critical state behaviour of granular materials using three dimensional discrete element modeling, “*Advances in Granular materials from Fundamentals*” **ROYAL SOCIETY OF CHEMISTRY Proceedings, UK Proceedings**, pp135-156.
2. T.G. Sitharam, **S.V. Dinesh** and N. Shmizu (2002) “ Micromechanical modeling of monotonic drained and undrained shear behaviour of granular media using three-dimensional DEM”, **International Journal for Numerical and Analytical Methods in geomechanics**, 26: pp 1167-1189.
3. Sitharam T.G. and **Dinesh S.V.** (2002) Micromechanical modeling of granular materials using three dimensional discrete element modeling, **Key Engineering Materials**, Vol 227, pp 73-78.
4. S. Yamada, M. Hyodo, R.P. Orense and **S.V. Dinesh (2008)**, Strain-dependent dynamic properties of remolded sand-clay mixtures, **Journal of Geotechnical and Geo-environmental Engineering**, Vol 134, No.7, ASCE, pp. 972-982.
5. S. Yamada, M. Hyodo, R.P. Orense and **S.V. Dinesh (2008)**, Initial shear modulus of remolded sand-clay mixtures, **Journal of Geotechnical and Geo-environmental Engineering**, Vol 134, No.7, ASCE, pp. 960-971.

6. T.S.Umesh, **S.V. Dinesh** and P.V.Sivapullaiah (2009), "Control of dispersivity of soil using lime and cement" **International Journal of Geology**, Issue no 1, volume 3, NAUN, pp 8-16, ISSN: 1998-4499.
7. Vinod, J. S., Nagaraja, S., Sitharam, T. G. and **Dinesh, S. V.** (2011), "Numerical Simulation of Geosynthetic reinforced granular soils", **Geo-Frontiers, Dallas, USA: Geotechnical Special Publication, ASCE**, GSP: 211: 4242- 4251.
8. T.S. Umesh, **S.V. Dinesh** and P.V. Sivapullaiah (2011), "Characterization of Dispersive Soils", **Materials Sciences and Applications (MSA)**, Scientific Research, Vol 2, pp. 629-633.
9. K.V. Venkatsha, **S. V. Dinesh**, K Rao Balaji, B.H. BharathKumar, M.B.Anoop, S.R.Balasubramanian, Nagesh Iyer (2012), "Experimental Investigation of Reinforced Concrete Beams with and without CFRP Wrapping" **Slovak Journal of Civil Engineering**, Slovak University of Technology, Vol XX, 2012, No. 3, 1-13
10. T.S. Umesh, **S.V. Dinesh** and P.V. Sivapullaiah (2012), "Effects of acids on geotechnical properties of black cotton soil" **International Journal of Geology**, No3, Vol 6, pp 69-76.
11. P. C. Naveena, K. H. Mamatha, **S. V. Dinesh** (2013), "Prediction of Strength Development in Stabilized Sandy Clay at High Water Contents" **International Journal of Geology**, Issue 1, Volume 7, pp 9-23.
12. T. S. Umesha, **S. V.Dinesh**, P. V. Sivapullaiah (2013), "Lime to Improve the Unconfined Compressive Strength of Acid Contaminated Soil" **International Journal of Geology**, Issue 1, Volume 7, pp 49-57.
13. T S Umesh, **S V Dinesh** and Jayaram M A. (2014), "Fuzzy modeling for contaminated soil parameters" **International Journal of Fuzzy Systems and Advanced Applications**, Vol I, ISSN:2313-0512, pp 66-73.

National Journals

14. T.G.Sitharam and **S.V.Dinesh** (2001) "Numerical Simulation of Liquefaction behavior of Granular Materials using Discrete Element Method" **Earth and Planetary Science**, Indian Science Academy, 112, No3, September 2003,pp 479-484
15. **S.V.Dinesh**, T.G.Sitharam and J.S.Vinod, (2004) "Dynamic Properties and Liquefaction behavior of granular materials using Discrete Element Method" **Current Science** Vol. 87, No 10. pp 1379-1387
16. R. Vidya Sagar., **S.V.Dinesh.**, and A.C.Santhosh (2005), Fracture energy of normal and HSC beams. **The Indian Concrete Journal**, Vol 79, November, pp. 37-42.

17. Umesh T S, **Dinesh S V** and Sivapullaiah P V (2010), Geotechnical properties of pore fluid contaminated soils, **Journal of Earth Sciences and Engineering**, Vol. 03, No.01-Spl issue, pp. 27-40
18. G Mahesh Kumar, **S V Dinesh** and B V Ravishankar (2010), Effect of fines on dynamic properties of liquefaction induced sandy soils, **Journal of Earth Sciences and Engineering**, Vol. 03, No.03-Spl issue, pp. 460-468
19. **S.V. Dinesh**, G. Mahesh Kumar, Muttana S. Balreddy and B.C. Swamy(2011), "Liquefaction potential of Sabarmati river sand" No 2-4, Vol 48, June-December 2011, **ISSET Journal of Earthquake Technology**. ISSN 0972-0405

Publications in International Conferences

20. T.G. Sitharam. **S.V.Dinesh** and K. Chantawarangul (2000) "Simulation of monotonic compression behavior of granular media using 3-Dimensional DEM", Proceedings of the International symposium on lowland Technology, Saga University, October 2000, Saga Japan, pp 299- 306.
21. Thallak. G. Sitharam., **S.V. Dinesh** and Norikazu Shimizu., (2001) "Phase Transformation behavior in Granular Materials using DEM" 4th International Conference on Micromechanics of Granular media Powders and Grains 2001, Sendai, Japan, 21-25th May 2001, pp. 241-245.
22. T.G.Sitharam and **S.V.Dinesh** (2001) "Monotonic Isotropic compression and Decompression behavior of Granular Materials using 3-D DEM"- Proceedings of the International Conference on Civil Engineering (ICCE-2001), 23-25th July 2001, Bangalore, India, pp 442-449.
23. R. Vidyasagar, M. N. Rao and **S. V. Dinesh** (2004) "Stress concentration around circular holes in a finite plate using Finite Element Method" Progress in Structural Engineering, Mechanics and Computation" Zingoni (ed.) 2004, Taylor And Francis Group, London, ISBN 90 5809 568 1 pp 289-294. 5-7th July 2004, organized by the Dept. of Civil Engineering, University of Cape Town, South Africa.
24. **S.V.Dinesh**, T.G.Sitharam and M.Hyodo (2006) "DEM simulation of static behavior of granular media and micromechanical analysis under different stress paths" GEOMECHANICS and GEOTECHNICS of PARTICULATE MEDIA, International Symposium, UBE, YAMAGUCHI, JAPAN 12-14 September 2006. pp 187-192.

25. **S.V. Dinesh**, G. Mahesh Kumar, Muttana. S. Balreddy and T. Gangadharaiah “Effect of Density on the Cyclic Response of Subrounded Reconstituted Sands”, International conference on Computational methods in structural dynamics and Earthquake Engineering, Rethymno, Crete, Greece, 13–16 June 2007 pp 1-8.
26. **S.V. Dinesh**, S. Yamada and M. Hyodo (2008) “Low strain shear modulus of sand-clay mixtures”, Geo-sustainability and Geo-hazard Mitigation, pp 335-342, Geo-congress, 2008
27. T. S. Umesha and **S.V. Dinesh** (2009) “Laboratory study of the effects of inorganic pore fluid contaminants on the properties of expansive soil”, International conference on infrastructure Development on Expansive Soils, INDEX -09, Organized by the Department of Civil Engineering, Adhiyamaan College of Engineering, Hosur, Tamil Nadu, 27-29 August 2009.
28. R. Ramesh Babu, Vikram Sajjan Shetty and **S.V. Dinesh** (2009) “Response Evaluation of RC frame with Damper under Earthquake Load”, International conference on infrastructure Development on Expansive Soils, INDEX -09, Organized by the Department of Civil Engineering, Adhiyamaan College of Engineering, Hosur, Tamil Nadu, 27-29 August 2009 accepted and in print.
29. G. Mahesh Kumar, **S.V. Dinesh** and B.V. Ravishankar (2009), “Effect Of Fines On Dynamic Properties Of Liquefaction Induced Sandy Soils”, First International Conference on “Advances in concrete, Structural and Geotechnical Engineering”, at BITS PILANI, during 25-27th October 2009.
30. T. S. Umesha, Indrani. K. M, **S. V. Dinesh** and A.U. Ravishankar (2009), “Stabilization of Suddha soil”, First International Conference on “Advances in concrete, Structural and Geotechnical Engineering”, at BITS PILANI, during 25-27th October 2009.
31. **S. V. Dinesh**, Swamy C Basim and Muttana S Balreddy (2009), “An Experimental Investigation Of Index Properties Of Sand-Clay Mixtures”, First International Conference on “Advances in concrete, Structural and Geotechnical Engineering”, at BITS PILANI, during 25-27th October 2009.
32. Deepika M.M., Amit Kumar Onkar, Manjuprasad M and **Dinesh S.V.**, (2012), “Multi-objective Optimization of Isotropic plates”, International Congress on Computational Mechanics and Simulation (ICCMS), IIT, Hyderabad, 10-12 Dec-2012, pp-1-10

33. Rachana R, Shanthini G, Manjuprasad M, **Dinesh S V** (2012) “Structural System Identification using Kalman Filters”, International Congress on Computational Mechanics and Simulation (ICCMS), IIT, Hyderabad, 10-12 Dec-2012, pp-1-6
34. H.G.Keerthi, T.Sivaranjani, D.VTG Pavan Kumar, M.Manjuprasad, **S.V.Dinesh** (2013) “Fatigue Life Prediction of Plate with Multiple stress Concentration Zones using FEM”, International Conference on Computer Aided Engineering (CAE – 2013) Department of Mechanical Engineering, IIT Madras.
35. Sindhu B.V, Ashwin K.N, Dattatreya J.K. and **S.V Dinesh** (2013) “Effect of Skew Angle on Static Behavior of Reinforced Concrete Slab Bridge Decks” International Conference on Recent Innovations in Civil Engineering “IC-RICE 2013” organized by the PDA Engineering College, to be held at Gulbarga, during October 25-27, 2013 pp 139 – 146.
36. Hemalatha A, Ashwin K.N, Dattatreya J.K. and **S.V Dinesh** (2013) “Analysis of RC Bridge Decks For Selected National and International Standard Loadings Using Finite Element Method” , International Conference on Recent Innovations in Civil Engineering “**IC-RICE 2013**” organized by the PDA Engineering College, to be held at Gulbarga, during October 25-27, 2013 PP 147 – 154.
37. Kavya H K, Dr. J K Dattatreya, **Dr Dinesh S V** & Siddesha H (2014), “Study on the Seismic Design of Raft Foundation for RC Multi Storey Building”, Proceeding of International conference on Ingenious Technologies and Sustainable Developments in Civil Engineering (ICICE 2014), Department of Civil Engineering, Noorul Islam University, 8th Oct, 2014, PP:148-154
38. N. R. Avinash, H. N. Vinay, D. Prasad, **S. V. Dinesh** and J. K. Dattatreya (2014) “Performance Evaluation of Low Volume Flexible Pavements –A case Study” Proceedings of the T & D I Congress 2014, pp. 69-78.
39. Basavaraju S, Dattatreya J.K., C Nagaraja, **S.V Dinesh** and K P Shivananda (2014) “COMPARATIVE STUDY OF THE FLEXURAL BEHAVIOUR OF BEAMS STRENGTHENED WITH FRP AND HPFRC”, Proceedings on International Conference on Advances in Civil Engineering and Chemistry of Innovative Materials (ACECIM-14) held on March 13 – 14, 2014 at SRM University, Chennai, TN, Vol-I, pp 33 - 37.

40. Shreekant Konnur, **Dinesh S V**, Parveez Kamps, Prateek M C, Srikanta T K and Yathiraj N (2014), “Study on the effect of Reclaimed Asphalt Pavement (RAP) on the mechanical Behavior of Hot Mix Asphalt (HMA), Proceeding of International Conference on 11th Transportation Planning and Implementation Methodologies for Developing Countries (11th TPMDC) organized by Transportation Systems Engineering, Dept. of Civil Engineering, IIT Bombay, Mumbai on 10th-12th December 2014 (Paper ID: 95).
41. Shreekant Konnur, **Dinesh S V** and H S Lalithamba (2014), “An Experimental Investigation of Chemical and Rheological Properties of Virgin Bitumen Blended with Recovered RAP Binder”, Proceeding of International Conference on 11th Transportation Planning and Implementation Methodologies for Developing Countries (11th TPMDC) organized by Transportation Systems Engineering, Dept. of Civil Engineering, IIT Bombay, Mumbai on 10th-12th December 2014 (Paper ID: 94).
42. Nanda H M, Anand Tadas, **Dinesh S V** and Dattatreya J K (2014), “Comparative study of Rheological and Marshall Properties of Base and Modified Bituminous Binders”, Proceeding of International Conference on 11th Transportation Planning and Implementation Methodologies for Developing Countries (11th TPMDC) organized by Transportation Systems Engineering, Dept. of Civil Engineering, IIT Bombay, Mumbai on 10th-12th December 2014 (Paper ID: 103).
43. Manoj P, Mamatha K H and **Dinesh S V** (2014), “Evaluation of Low volume Flexible Pavements”, Proceeding of International Conference on 11th Transportation Planning and Implementation Methodologies for Developing Countries (11th TPMDC) organized by Transportation Systems Engineering, Dept. of Civil Engineering, IIT Bombay, Mumbai on 10th-12th December 2014 (Paper ID: 34).
44. Sadath Peer, Mamatha K H, Shivaprakash B G and **Dinesh S V** (2014), “Pavement Evaluation and Rehabilitation using Concrete Overlays for Low Volume Roads”, Proceeding of International Conference on 11th Transportation Planning and Implementation Methodologies for Developing Countries (11th TPMDC) organized by Transportation Systems Engineering, Dept. of Civil Engineering, IIT Bombay, Mumbai on 10th-12th December 2014 (Paper ID: 36).
45. Anbazhagan P, Manish S, J V Thomos, A Arunachalam, and **Dinesh S V** (2014), Seismic Vulnerability Assessment using Satellite Data, 23rd

Australasian Conference on the Mechanics of Structures and Materials (ACMSM23), Byron Bay, Australia, 9-12 December 2014, S.T.Smith (Ed.), pp 985-990.

46. Manjunath, P. Anbazhagan, B. G. Shivaprakash and **S. V. Dinesh** (2015), "Effect of Depth of Input on Ground Response Analysis of Deep Soil Sites", Proceeding of International Conference on Sustainable Energy and Built Environment organized by School of Mechanical and Building Sciences, VIT University, Vellore, 12th – 13th March, 2015 PP: 484-489.

Publications in National Conferences

47. T.G.Sitharam and **S.V. Dinesh** "Large Displacement Analysis of Braced cut Excavation"-, Proceedings of the "The New Millennium Conference 14-16 Dec 2001, Indore, India, pp 551-554.
48. T.G. Sitharam, **S.V. Dinesh** and B.R. Srinivasamurthy (2003) "Interparticle Friction Effects on the Compression and Shear Behavior of Granular Media Using Discrete Element Modeling, SAGE, IIT Kanpur, India, 2003 pp 13-21.
49. Vidyasagar, and **S.V. Dinesh** (2001) "Finite element simulations of Braced cut excavations using ANSYS", Indian Geotechnical conference on Geotechnical Engineering for Infrastructural Development, December 18-20, pp 18-20.
50. **S.V. Dinesh, (2003)** "*Constitutive behavior of soils*" Workshop on "Recent trends in Geotechnical Engineering" Ghousia college of Engineering, Ramanagaram, 1-16, March 8-10, 2003.
51. **S.V. Dinesh** and T. G. Sitharam, "Discrete Element Simulation of Liquefaction Behavior Of Granular Soils Under Cyclic Loading", Workshop on current practices and future trends in Earthquake Geotechnical Engineering, Sponsored by Seismology Division, Department of Science and Technology, Govt of India, 23-24 December 2003, at IISc, Bangalore.
52. **S.V. Dinesh, T. G. Sitharam** and B.R. Srinivasamurthy "Effect of Initial Anisotropy On Shear Behavior Of Granular Materials Using Discrete Element Method" National Symposium on Advances in Geotechnical Engineering (NSAGE-2004), 22-23 July 2004, Indian Institute of Science, Bangalore, theme 1, pp -1 to 5.
53. **S.V. Dinesh, A.C. Santhosh, R. Vidya Sagar** and G. B. Vamdev "An Experimental Study on Fracture Energy of High Performance Concrete Beams" National conference on Recent Developments in Materials and Structures (REDEMAT-2004), 2-3 December, 2004, NIT- Calicut, India. pp 237 to 245
54. **Vidyasagar and S.V. Dinesh** "Finite element analysis of circular footings on single and two layered soils using ANSYS", Proceedings of the ANSYS INDIA users conference, Dec, 2001

55. **T.S. Umesh and S. V. Dinesh**, “Effect of hydrochloric acid contamination on the properties of expansive soil”, Hydro-2005, National conference, India, December 2005, pp 754-762.
56. **G. Mahesh Kumar, S.V. Dinesh and T. Gangadharaiah (2007)**, Liquefaction potential of sandy soils, National conference on Emerging Trends in Civil Engineering, 10-11th May 2007, Tumkur, pp 46-54.
57. **P.C. Naveena, S.V.Dinesh and B.V. Venkatasubramnya (2007)**, Investigation of strength properties of Black cotton Soil stabilized with flyash and Geo-reinforcement. National conference on Emerging Trends in Civil Engineering, 10-11th May 2007, Tumkur, pp 79-89.
58. **S.V. Dinesh**, G. Mahesh Kumar and B.V. Ravishankar (2008), “Liquefaction of granular materials by experimental and discrete element simulations”, Challenges and Applications of Mathematical Modeling Techniques in Building Science and Technology, 7-8 February 2008. CBRI Roorkee, pp 410-419.
59. **Dinesh S.V**, Kumar G.M, Ravishankar B.V. and Sitharam T.G. (2008), “Effect of fines on liquefaction potential of reconstituted Ahmedabad Sands”, Advances in Geotechnical Engineering- GEOAGE, pp 441-443 Vol 2, IISc, Bangalore.
60. Manjunath J.N. Santosh A.C. and **Dinesh S. V**, (2008) “Fracture Energy of Normal and Fly Ash Replaced Concrete Beams” The Sixth Structural Engineering Convention, SEC-2008, pp 294-303, Dec 18-20th 2008, organized by SERC, IIT Madras and Anna University, Chennai.
61. Ashwin K.N. Ramanjuneyalu and **Dinesh S V**, (2011), Analysis of Simply supported Skew slab Bridge Decks”, Proceedings of Nuicone Conference, Nirma University, Ahmedabad, Gujarat
62. Venkatesha K.V. Balaji Rao K. and **Dinesh S V**, (2011), “Shear Behavior of Reinforced Concrete Beams without and with CFRP Wrapping”, Proceedings of Nuicone Conference, Nirma University, Ahmedabad, Gujarat
63. T.S. Umesh, H.D. Sharma, **S.V. Dinesh**, P.V. Sivapullaiah and Swamy C. Basim (2011), Physico- chemical changes in soil due to sulphuric acid contamination”, Proceedings of Indian Geotechnical Conference (IGC-2011)-Geo-challenges, pp 765-768.
64. Mahesh kumar G, Shiva Prakash B.G. B.V. Ravishankar, **S.V. Dinesh** and T.G. Sitharam (2011), Effect of cohesive soil with low plasticity on liquefaction potential of reconstituted sandy soil”, Proceedings of Indian Geotechnical Conference (IGC-2011)-Geo-challenges, pp 297-300.
65. U. Abhimanyu, M. Manjuprasad, S V Narasimhan & **S V Dinesh** (2012), “Structural Damage Identification using Wavelet Analysis”, Proceeding of 8th Biennial Conference on Structural Engineering Convention (SEC-2012), Applied Mechanics Department, S V National Institute of Technology, Surat, Gujarat, India, PP: 1019-1022.

66. Mamatha K H and **Dinesh S V** (2012), “Resilient Modulus of Silty Sand by Repetitive Triaxial Test”, National Conference on Contemporary Civil Engineering Research & Practices (CCERP-2012), Organized by MIT, Manipal, 20-21 April 2012, pp 590-599
67. M. Shivaraj, A. RamaRao, K. Lakshmi and **S.V. Dinesh (2012)**, “Handling Environmental Variability in Structural Health Monitoring Using FRF based approach”, Proceedings of National Conference on Sustainable and Emerging Technologies in Civil Engineering (SETCE2012), organized by B.S. Abdur Rahman University, 3rd and 4th May 2012, pp 140-148.
68. Mamatha K.H. **Dr.S.V.Dinesh** & Vinod J.S (2012)., “Mechanics of cemented sand by discrete element simulations”, Proceeding of Indian Geotechnical Society, Delhi Chapter and IIT, New Delhi, PP: 443-447
69. G Mahesh Kumar, Muttana S. Balreddy, **S V Dinesh** and B V Ravishankar (2012), “Role of plasticity index on the liquefaction behaviour of sand – fines mixture”, Proceeding of Indian Geotechnical Society, Delhi Chapter and IIT, New Delhi, PP: 1017 – 1021
70. Vidya Dodwad, Muttana S Balreddy, T.S.Umesh & **S.V.Dinesh** (2012), “Resilient modulus of cohesive soil”, Proceeding of Indian Geotechnical Society, Delhi Chapter and IIT, New Delhi, PP: 1157 – 1161
71. Naveen P, Md.Zuber Inamadar, H.Devasharma & **S.V.Dinesh** (2012), “Strength and consolidation characteristics of soft clay stabilized with cement”, Proceeding of Indian Geotechnical Society, Delhi Chapter and IIT, New Delhi, PP: 412 – 416
72. Subramani A V, **S V Dinesh**, J K Dattatreya and N Nanjundappa (2014), “Seismic Response of Gravity Dam”, Golden Jubilee Conference of the IGS Bangalore Chapter, Geo-Innovations, 30-31 October 2014.
73. B. Gowtham, T S Umesha, H.S. Lalithamba and **S V Dinesh** (2014), “Engineering Behavior of Remoulded Expansive Clay Stabilized with Calcium Carbide, Sodium Silicate and Lime”, Proceeding of Indian Geotechnical Conference (IGC-2014), Geotechnics for Inclusive Development of India (GEOIND), organized by IGS Kakinada Chapter and JNTU, Kakinada, 18th-20th December 2014, PP:227-234
74. Sandeepa M C, Mamatha K H, Muttana S Balreddy and **Dinesh S V** (2014), “Performance of Geogrid Reinforced Unpaved Roads under Repeated Loading Conditions”, Proceeding of Indian Geotechnical Conference (IGC-2014), Geotechnics for Inclusive Development of India (GEOIND), organized by IGS Kakinada Chapter and JNTU, Kakinada, 18th-20th December 2014, PP:1141-1148
75. Manjunath Maralappanavar, Mamatha K H and **Dinesh S V** (2014), “Model Studies on Geocell Reinforced Unpaved Roads under Repeated Traffic Loading

- Conditions”, Proceeding of Indian Geotechnical Conference (IGC-2014), Geotechnics for Inclusive Development of India (GEOIND), organized by IGS Kakinada Chapter and JNTU, Kakinada, 18th-20th December 2014, PP: 1149-1154
76. Harisha K S, **S V Dinesh** and B C Swamy (2014), “Seismic Response of Earthen Dam”, Proceeding of Indian Geotechnical Conference (IGC-2014), Geotechnics for Inclusive Development of India (GEOIND), organized by IGS Kakinada Chapter and JNTU, Kakinada, 18th-20th December 2014, PP: 613-620.
 77. T. M. Anusha, K. H. Mamatha and **S. V. Dinesh** (2015), “An Experimental Investigation of Resilient Modulus of Soils”, Proceeding of Fourth National Conference on Recent Advancements in Geotechnical Engineering (NCRAG 15), organized by Government College of Technology, Coimbatore, 17th April 2015, PP: 16-21.
 78. Manjunath K Rangaraddi, K. H. Mamatha, R. N. Herkal and **S. V. Dinesh** (2015), “Effect of Lime on Unconfined Compressive Strength of Black Cotton Soil at Different Water Contents”, Proceeding of Fourth National Conference on Recent Advancements in Geotechnical Engineering (NCRAG 15), organized by Government College of Technology, Coimbatore, 17th April 2015, PP: 41-45.
 79. T. P. Naveena, K. H. Mamatha and **S. V. Dinesh** (2015), “Performance of Geogrids in Flexible Pavements”, Proceeding of Fourth National Conference on Recent Advancements in Geotechnical Engineering (NCRAG 15), organized by Government College of Technology, Coimbatore, 17th April 2015, PP: 58-61.
 80. Dilip Kumar, K. H. Mamatha and **S. V. Dinesh** (2015), “Effectiveness of Geocells in Flexible Pavements”, Proceeding of Fourth National Conference on Recent Advancements in Geotechnical Engineering (NCRAG 15), organized by Government College of Technology, Coimbatore, 17th April 2015, PP: 164-168
 81. Shivashankar P Kalyanshetty, K. H. Mamatha, B. G. Shivaprakash and **S. V. Dinesh** (2015), Proceeding of Fourth National Conference on Recent Advancements in Geotechnical Engineering (NCRAG 15), organized by Government College of Technology, Coimbatore, 17th April 2015, PP: 183-187.
 82. Sanketh Kulakarni, Sushan Kumar M S, Manish S, Dayanand Kumar, Suresh K V and **Dinesh S V** (2015), “Seismic Vulnerability Assessment using Rapid Visual Screening Technique”, Proceeding of Fourth National Conference on Recent Advancements in Geotechnical Engineering (NCRAG 15), organized by Government College of Technology, Coimbatore, 17th April 2015, PP: 192-195.

EXAMINATION OF Ph.D/M.Tech Thesis

1. Ph.D. thesis entitled “Studies on Tropical Soils and Appropriate Construction Technologies”, by R. Manohara Reddy, Department of Civil Engineering, Sri Venkateswara University, Tirupathi, (AP), India.

2. MS (By Research) thesis entitled “Determination of Effective Stress Parameter of Unsaturated Soil Using Data Mining Techniques” by Jagan J, Centre of Disaster Mitigation, Vellore University, Vellore, TN.

REVIEW OF JOURNALS:

1. Reviewed two papers submitted to the **CURRENT SCIENCE**, special issue on “Geotechnics and Earthquake Hazards” a Journal by Indian Science Academy.
2. Reviewer **Journal of Earth Sciences and Engineering**,
3. Reviewer for **International Journal of Geotechnical and Geological Engineering (JGGE)** by Springer Verlag.
4. Associate Editor for **International Journal of Geology, North Atlantic University Union**

OUTREACH ACTIVITIES

- Organized one day training program on “Quality Control Tests” for working Professionals from Zilla Panchayat on 27/12/2014 at the Department of Civil Engineering, SIT, Tumkur.
- Participates in Swatch Bharath Program- 2 hours/week is earmarked for cleaning in the campus.

ORGANIZATIONAL RESPONSIBILITIES

1. **Programme Co-ordinator, TEQIP Phase I**, from April 2004 – March 2009
2. **Programme Co-ordinator, TEQIP Phase II**, from June 2010 to tilldate
3. “**Reinforced Earth Applications**”, A Short term course for working professionals sponsored by AICTE, New Delhi, under Continuing Education program June, 1994, 1 week short-term course.
4. **Co-ordinator, for the workshop on “Earthquake response of ground and structures” 23-28th February, 2003, SIT, Tumkur**
5. **Member, Organizing Committee member, GEOAGE Indian Geotechnical Conference -2008 at Bangalore held during 17-19, 2008.**

6. **Member, Technical Committee, National Conference on “Emerging Trends in Civil Engineering” organized by SSIT, Tumkur**
7. **Member, Board of Studies for Civil Engineering UG program, SSIT, Tumkur**
8. **Member, Board of Studies for Civil Engineering UG and PG programs, SIT, Tumkur**
9. **Member, Academic Council, SIT, Tumkur**
10. **Member, Board of Examiners, PG studies, UVCE, Bangalore**
11. **Member, Board of Examiners, UG, BMS College of Engineering, Bangalore.**
12. **Convener, Organizing Committee, “National Seminar on Recent Developments in Concrete Science and Technology**, organized by the Department of Civil Engineering, Siddaganga Institute of Technology, Tumkur in association with Ultra Tech Cements and Indian Concrete Institute Bangalore Centre during 28th-29th Feb 2012.
13. **Convener, Organizing committee, International Colloquium on “Nanotechnology in Construction”**, organized by the Department of Civil Engineering, and the Centre for Applied Research in Nanotechnology in association with Ultra Tech Cements and Indian Concrete Institute Bangalore Centre on 16th Feb 2012

INTERACTIONS WITH INDUSTRY

- A) **Geotechnical Consultant:** Geotechnical investigations for private as well as state and central government organizations. As a Geotechnical consultant, advised and acted as consultant covering a wide range of civil and geotechnical structures. Industries with which the author has interacted are UWSSB, Garrison Engineers, Karnataka PWD, Zilla panchayet Engineering Division, PMGSY projects, Cauvery Niravary Nigam Limited, World Bank sponsored projects and Karnataka Land Army Corporation, etc.

Some of the major consultancy works are listed below.

- Site Investigation and Bearing capacity analysis for Biomass power plant of M/s Konark Power corporation – **Rs 0.75 lakhs**
- Site investigation and Bearing capacity analysis of Bridge piers on NH-4 for Stups consultants – **Rs 0.5 lakhs.**

2009-10

- **Soil Investigation and Stability Analysis of Theetha Reservoir (18-8-2009)**

- **12 major tanks** (Thitha, Mydala, Kadaba, Nittur, Turuvekere, Mangala, Kunigal, Honna machanahalli, Sarige halli, Mayasandra, Mallaghatta and Huliurudurga) of Tumkur District – **Rs 9.0 lakhs**
- Slope Stability Analysis of Hemavathy Canal Zone at chainages - 144, 145, 146 and 147 kMs, **Rs 0.5 lakhs.**

2010-11

Seismic Stability Analysis of Mayasandra Tank Earthen Embankment- (26-5-2010)

2011-12

- Technical report on the failure of canal slopes of TBC near Eachanur tank near Tiptur – **Rs 1.1 lakhs**

2012-13

- Stability Analysis Masonry Dam of Theeta Reservoir, Tumkur District, - **Rs 2.5 lakhs**

2013-14

2014-15

- B) Structural analysis and R.C.C. design, Proof check of commercial buildings using Finite element softwares for various organizations. Some **30 multy-storied buildings have been analyzed and designed.**

C) Details of consultancy work carried through the department

Sl. No	Year	No of assignments	Revenue (Rs lakhs)
1	1/4/2008 to 31/3/2009	80	9.66
2	1/4/2009 to 31/3/2010	44	3.92
3	1/4/2010 to 31/3/2011	44	2.55
4	1/4/2011 to 31/3/2012		
5	1/4/2012 to 31/3/2013		
6	1/4/2013 to 31/3/2014		

D)

COMPUTING AND SOFTWARE EXPERTISE:

- Working on Main frame, Workstations, & PC's in UNIX environment;

- Knowledge of FORTRAN and C.
- Knowledge of Finite element codes of NISA, ANSYS and STADD
- Particle Flow Code PFC2D and PFC 3D
- DEEP Soil, FLAC

DST PROJECT PROGRESS REVIEW

1. Presentation on project progress at Bangalore on August 2007

2. Presentation on project progress at Hyderabad on 26th August 2008

3. Presentation on project progress at Vizag on 19th January 2010.

4. Presentation on project progress review at Bangalore on 27th Feb 2011

WORK-SHOP PARTICIPATION (IN-HOUSE)

Sl No.	Date	Workshop topic
1	Sep 07-14, 1991	Engineering Mechanics
2	Jun 14-19, 1993	Strength of Materials
3	Aug 16-21, 1993	Computer oriented numerical techniques
4	Jan 17-22, 1994	Fluid Mechanics
5	Jul 02-09, 1994	Environmental Engineering
6	Mar 01-09, 1995	Finite Element method
7	Sep 04-09, 1995	Finite Element method and its Applications
8	Mar 04-09, 1996	Special Concretes.
9	Jul 08-13, 1996	Geo-technical Engineering
10	Jan 06-11, 1997	Transportation Engineering –I
11	Aug 03-09, 1997	Transportation Engineering –II
12	Mar 09-14, 1998	Computer Aided Civil Engineering Design
13	Aug 17-22, 1998	Computer Aided Drawings for Civil Engineers
14	Feb 23-28, 2003	Earthquake response of ground and structures
15	Aug 21-27, 2003	Methodologies & codal provisions for testing of Civil Engineering materials
16	Jan 16-18, & Feb 05-07, 2004	FEA based application to Civil Engg., NISA & STAAD
17	Aug 23-28, 2004	HYDRO SCIENCE
18	Feb 27 – Mar-04, 2005	Computer Aided Drafting

19	Aug 17-23, 2005	Probability Theory
20	Feb 06-11, 2006	Software Application in Structural Engg.
21	Aug 07-12, 2006	Recent Developments in Steel Engg.
22	Jan 29 – Feb 03, 2007	Inhouse Professional Development Programme
23	Aug 05-11, 2007	Academic Autonomy
24	Jan 28 – Feb 02, 2008	Geo Informatics
25	Aug 01-07, 2008	Geo-Informatics – Total Station
26	Jan 19-24, 2009	AutoCAD & Total Station
27	Jan 24-27, 2010	Modern Trends in Civil Engg.
28	Jan 20-27, 2011	Modern Trends in Surveying using Total Station
29	Jun 25, 2011	Curriculum Development by Dr.N.J.Rao
30	Jun 27, 2011	Research Initiatives
31	Jun 27, 2011	Accreditation process by Sri.Bramham
32	July 23rd to 28th 2011	Statistics for Civil Engineering Applications

WORK-SHOP PARTICIPATION (Outside)

1. Workshop on **current practices and future trends in Earthquake Geotechnical Engineering**, Sponsored by Seismology Division, **Department of Science and Technology, Govt of India**, 23-24 December 2003, at IISc, Bangalore
2. “**Review workshop for Resource Material in Earthquake Engineering**” at IIT, Kanpur during 26-30th April 2004.
3. Workshop on “**Earthquake Engineering Education in India: Looking Ahead**”, 5th January, 2007, Organized by NPEEE at IIT, Delhi.
4. Workshop on “**Industry-Institute-Interaction**”, 27-28th April 2007, at College of Engineering, Pune, Maharashtra, May 2006.
5. Workshop on “**Industry-Institute-Interaction**” 20-21st July, 2007 organized by SPFU, Andhra Pradesh at Hyderabad, July 2006
6. Workshop “**INFOVIVISION-2006**” organized by CII, Bangalore
7. Participated in the interactive session with visiting foreign faculty (1. Dr. CS Raghavendra, Associate Dean, Strategic Initiatives and Chairman, Dept. of Electrical and computer Science engineering, University of Southern California, USA, 2. Dr. Sartaj. K. Sahni, Distinguished Professor and Chair of the Computer and Information Science and Engineering Department at the University of Florida . 3. Dr. Manish parashar, Professor, Department of Electrical & Computer Engineering, Rutgers , The State University of New Jersey, 4. Dr. Srinivas Alur, *Professor*, Department of Electrical and Computer Engineering and Chair, Bioinformatics and Computational Biology Program, Iowa State University 5. Viktor K. Prasanna, Professor of Electrical Engineering and Computer Science, University of Southern California 6. Dr. MP Ravindra, VP, and Head E & R, Infosys.) organized by BITES and SPFU, Karnataka, on 19th December, 2006 at Taj Residency, Trinity circle, M.G. Road, Bangalore. The panel

- discussion was moderated by Dr. R. Natarajan, TEQIP Mentor, and Ex Chairman, AICTE and Ex Director, IIT, Madras and presently chairman, BITES.
8. Workshop on **“Blue Print for Success”** conducted by Qualified Learning Systems, during 27-29th December 2006 at Bangalore.
 9. Workshop on **“Management Information System”**, 07th September 2006, YMCA, Institute of Technology, Faridabad.
 10. GETIT Conference on **“From Blackboard to Keyboard”** during 29-31, January 2007 at Hotel Grand Ashok, Bangalore.
 11. **INDIA INNOVATION SUMMIT -2007** during 15-16th June, 2007, Bangalore.
 12. State level workshop on **“Academic Autonomy, Networking and Services to Community”** at Chikkamagalur, organized by the SPFU, Karnataka during.
 13. State level workshop on **Academic Autonomy, 04-06 March 2007**, organized by SPFU, Karnataka at Orange County.
 14. State level workshop on **“SERVICES TO COMMUNITY”**, during 25-26th March 2008.
 15. State level workshop on **“Networking and Best Practices”**, 16 – 17th May 2008 at Kings Sanctuary, Nagarahole, Karnataka
 16. Faculty Development workshop on **“Effective Teaching”**, 26th -28th May 2008, organized by the INDO-US Engineering Faculty Development Leadership Institute, Infosys, Mysore under ***INDO-US Collaborative in Engineering Education.***
 17. Faculty Development workshop on **“Quality and Accreditation: Preparation for India’s membership to Washington Accord”**, 29th -30th May 2008, organized by the INDO-US Engineering Faculty Development Leadership Institute, Infosys, Mysore under ***INDO-US Collaborative in Engineering Education.***
 18. **Faculty development workshop on “Engineering drawing using CAD” 14th - 18th July 2008**, organized by the INDO-US Engineering Faculty Development Leadership Institute, Infosys, Mysore under ***INDO-US Collaborative in Engineering Education.***
 19. One day Tutorial on **“Design Testing and Retrofitting of structures for Earthquake Loading”** held at Central Power Research Institute, Bangalore on 27th August 2008.
 20. One week Training programme on **“Training need analysis & impact evaluation”** during 23/03/2009 to 27/3/2009 at ESCI, Hyderabad.
 21. Two day workshop on “preparation of IDP for TEQIP Phase II” at SIT Tumkur, during 17th and 18th March 2010.
 22. One day workshop on Research & Development and Innovation, 3rd July 2010 at Hassan organized by MCE Hassan and SPFU, Karnataka.

23. One day workshop on IDP preparation for TEQIP Phase II, organized by NPIU, New Delhi during July 2010.
24. **One day** workshop on “Recent Advances in Pavement Materials”, on 16/07/2011 at Center for Infrastructure and Transportation Planning, (CISTUP), Indian Institute of Science, Bangalore.
25. **Two day** workshop on “Procurement Management Support System” organized by NPIU, at UVCE, Bangalore on 3-4th September 2011.
26. **One day** workshop on “Geotechnical/Geophysical Investigations for Seismic Microzonation studies of Urban Centers in India, on 19/08/2011, organized by the National Disaster Management Authority, NDMA Bhavan, Safardjung Enclave, Govt. of India, New Delhi.
27. **Three day** workshop on “**Advanced Course on Geotechnical Earthquake Engineering**”, during 1-3rd February 2012, organized by CSIR- Structural Engineering Research Centre (SERC), CSIR campus, Chennai.
28. **One day workshop on Mentoring on 8th October 2012, at the Directorate of Technical Education, Bangalore**
29. **One day “Orientation Programme on Establishment of Centers of Excellence”** on 28/11/2012 under TEQIP-II at BMS College of Engineering organized by SPFU, Govt. of Karnataka.
30. Two day workshop on “**Strengthening Academic leadership Traits and Good Governance**” during 27th and 28th June 2013
31. Two day workshop on SAR for Accreditation on July 2013, at SIT, Tumkur
32. Two day Orientation and Training Workshop on “**Outcome Based Education and Accreditation for NBA Chairpersons and Evaluators**” at SVKM's Narsee Monjee Institute of Management Studies (NMIMS), 11, Kaveri Regent Coronet, 3rd Block, 7th Main, 80ft Road, Koramangala, Bengaluru-560034, Karnataka, during 7th - 8th September, 2013.
33. Two day workshop on “**International conference on Transformations in Engineering Education**” during 16th to 18th January 2014 organized by IUCEE at BVB, Hubli.
34. Four day workshop on “**Academic leadership programme for Heads of Departments**” organized by Wipro Mission 10X, Bangalore during 2nd to 5th Feb 2014, organized by WIPRO at Bangalore.
35. Three days World Summit on Accreditation (WOSA), during 8 to 10th March, 2014 at New Delhi, organized by NBA, New Delhi.
36. One day workshop on “**Structural Dynamics: Theory, Experiments and Applications. Smart Structures, Structural Health Monitoring, Advanced Sensing Technologies, & Energy Harvesting**” Organized by IVS solutions, at IIT Delhi on 22/03/2014.

37. One day Brain storm session on **“Emerging trends in Geotechnical Engineering”** sponsored by Scientific and Engineering Research Board (SERB), Department of Science and Technology (DST), Govt of India, held at IITB on 26th March 2014.
38. Two day workshop on **“Formulation of Research and Development Initiatives for Engineering Faculty”** on 26th and 27th July 2014, conducted by ESCI Hyderabad organized at SIT, Tumkur.
39. Two days National Summit of **Quality in Education Addressing Quality in Education for the 21st century Smart Measurements for a Sustainable Educational Institution**, Organized by CII Institute of Quality on 16-17 September 2014 at Christ University, Bangalore.
40. One day workshop on **“Credit Frame Work for Skills and Education under National Skill Qualification Frame work”** on 20th December 2014 at Karnataka State Higher Education Council, Bangalore, organized by Higher Education Department, Government of Karnataka.
41. Two-day **Autodesk Education Summit 2015**, during 7 and 8th August 2015, ITC Grand, Mumbai.