

Prof. S.V. Dinesh	
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Education

S. No	Degree	Year	Institute	Specialization
1	Post-Doctoral	2005-06	Yamaguchi University, UBE, Japan	Geotechnical Earthquake Engg.
2	Ph.D	2003	IISc, Bangalore	Geotechnical Engineering
3	M.E	1992	Bangalore University	Geotechnical Engineering
4	B.E	1987	Bangalore University	Civil Engineering

Professional Experience

	Date (from-to)	Designation	Organization
1	March 2007- Till date	Professor	Siddaganga Institute of Technology, Tumkur
2	Nov 2003- Mar 2007	Assistant Professor	Siddaganga Institute of Technology, Tumkur
3	Dec 2002 - Nov 2003	Lecturer	Siddaganga Institute of Technology, Tumkur
4	Jan 1999 - 2002	Research scholar	Indian Institute of Science, Bangalore
5	1991 – Dec 1998	Lecturer	Siddaganga Institute of Technology, Tumkur

Positions held

	Date (from-to)	Designation	Organization
1	June 2021- Till date	Principal	Siddaganga Institute of Technology, Tumkur
2	May 2011- Till date	Head of the Department	Siddaganga Institute of Technology, Tumkur

Affiliations of Professional organizations

- Life member of Indian Geotechnical Society (IGS)
- Life member of Indian Society of Earthquake Technology (ISET)
- Member American Society of Civil Engineers
- Executive committee member, Karnataka Geotechnical Center.
- Life Member of Institution of Engineers
- Member Indian Society for Technical Education (ISTE)
- Life Member, Indian Road Congress (IRC), New Delhi.
- Membership of International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE) for 2014-2017.

Awards and Honors

- Recipient of Institution of Engineers Fellowship, India, 1982-1986
- **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.**
- **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) and this project was carried out in association with SERC Chennai.
- **Professional Recognition- Indo Universal Collaboration for Engineering Education (IUCEE) certified International Engineering Educator during 2017.**
- Programme Evaluator, **NBA-AICTE** for Civil Engineering since 2016-17. Served as evaluator for UG and PG programmes for the National Board of Accreditation, New Delhi.
- Received **ISET V H Joshi award** for the best Journal paper in **Soil Dynamics** by **Indian Society of Earthquake Technology**, Roorkee in the month of December 2018
- Member, Building Committee, **Visvesvaraya Industrial and Technological Museum**, Bangalore, **National Council of Museums, Ministry of Culture, Govt of India** for the period Nov 2018 to Oct 2020.
- Co-Chair, Technical Session 11 on “Soil Dynamics and Earthquake Geotechnical Engineering” on 14th Dec 2018 at Indian Geotechnical Conference-2018, IISc Bengaluru.
- Chairman, Building Inspection Committee, Tumkur University, Tumakuru.
- **Executive Committee member, Indian Society of Earthquake Technology (ISET) for the period 2019-2021.**

Courses Taught

Undergraduate Courses

1. Geotechnical Engineering – I
2. Geotechnical Engineering – II
3. Strength of Materials
4. Structural Dynamics and Vibration control
5. Elements of Civil Engineering
6. Numerical Methods in Civil Engineering
7. Structural Dynamics

Postgraduate Courses

1. Theory of Elasticity (Mechanics of Deformable Bodies)
2. Structural Dynamics
3. Earthquake Resistant Design of Structures
4. Design of Sub-Structures
5. Applied Soil Mechanics
6. Transportation structures
7. Design of Reinforced Earth Structures
8. Project Management
9. Applied Statistics

Online Courses

Delivered a series of Lectures and developed lecture notes for Web Learning for several topics in Geotechnical Engineering course under VTU Edusat Programme

Research Guidance

S. no	Name of the Scholar	Title	Year of completion
1.	P.S. Ramesh	“Erosion of Clay beds” Joint guidance with Prof B V Ravishankar, BMSCE, Bangalore.	2018
2.	K.H. Mamatha	“Performance of Geosynthetic Reinforced Pavement Layers”	2017
3.	Muttana S. Balreddy	“Liquefaction and Post liquefaction behavior Sand-Fines mixtures” Joint guidance with Prof Sitharam of IISc, Bangalore, presently Director, IIT Guwahati.	2017
4.	B.G. Shivaprakash	“Dynamic Properties of Soils and 1D Nonlinear Ground Response Analysis of Deep Soil Deposits”	2017
5.	Naveena P.C	” Stabilization of Soft Soils” Joint guidance with Prof. Venkantsubramanya, MSRIT, Bangalore.	2017
6.	Mahesh Kumar, G	“Effect of Fines Content on the Cyclic Response of Sandy Soil”	2014
7.	T.S. Umesha	“Effect of pollutants on the Geotechnical properties of soils”.	2012
8.			

Research Areas

1. **Constitutive Modeling of Geomaterials using Discrete Element Modeling**
2. **Geotechnical Earthquake Engineering** – (Liquefaction, Pore pressure generation, Dynamic properties, shear wave velocity, Ground Response Analysis) – Interaction with IISc
3. **Soil Pollutant interaction studies** – Interaction with IISc,
4. **Pavement Materials, Geosynthetics reinforced Pavements.**
5. **Stabilization and Ground improvement**
6. **Seismic Vulnerability assessment** of dams and urban areas
7. **Erosion Studies** – collaborative work BMS College of Engg, Bangalore

Sponsored Projects

Ongoing Projects:

1. Title: **Study of Strain Dependent Dynamic Properties and Development of Shear Modulus and Damping Curves of Dispersive Soils**
Funding Agency: DST
Amount: 37.81 lakhs
Duration: 2021-2026
Role: **Principal Investigator (PI)**
PI: **Dr. S. V. Dinesh**, Professor, Dept. of Civil Engineering, SIT, Tumkur
Co-PIs: 1. Dr. Mutanna S. Balreddy, Dept. of Civil Engineering, SIT, Tumkur
2. Dr. Anbazaghan, Scientific Officer, IISc, Bangalore

Completed Projects:

1. Title: **Evaluation of Liquefaction potential based on cone penetration resistance and shear wave velocity**
Funding Agency: DST- Seismology Division
Amount: 31.67 Lakh
Duration: 2006-2011
Role: **Principal Investigator (PI)**
PI: **S V Dinesh**, Co-PI: Prof. T G Sitharam, Civil Engg Dept, IISc Bangalore
2. Title: **Site Characterization of Indo-Gangetic plains with Studies of Site Response and Liquefaction Hazards**
Funding Agency: DST- Seismology Division
Amount: 60 Lakhs
Duration: 2008-2010
Role: **Co-Principal Investigator (Co-PI)**
PI: Dr. T.G. Sitharam, Professor, IISc, Bangalore
Co-PIs: 1. Dr. Madhavi Latha, Asst. Professor, IISc
2. Dr. Anbazaghan, Scientific Officer, IISc, Bangalore

3. Dr. Srinagesh, NGRI, Hyderabad
4. Dr. Chadda, NGRI, Hyderabad
5. Dr S V Dinesh, SIT, Tumkur

3. Title: [Liquefaction potential of Sand-clay Mixtures](#)
 Funding Agency: [AICTE, New Delhi](#)
 Amount: [5 Lakhs](#)
 Duration: [2012-2015](#)
 Role: [Principal Investigator \(Co-PI\)](#)
4. Title: [Investigation of Repair and Retrofitting of concrete structures using advanced concretes such as self compacting concrete and Geopolymer concrete](#)
 Funding Agency: [VTU](#)
 Amount: [5 Lakhs](#)
 Duration: [2011-2014](#)
 Role: [Principal Investigator \(Co-PI\)](#)

Publications

Published in International Journals	27
Published in National Journals	07
Special Publications/Book Chapters	13
Published in International Conferences	40
Published/presented in national Conferences/Seminars/	40
Total	127
Under review (International Journals)	06

Journals

Publications in International Journals

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 organize 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. **Dinesh, S. V.**;Kumar, G. Mahesh;Balreddy, Muttana S.;Swamy, B. C.(2011), "Liquefaction potential of Sabarmati-River sand" **ISET Journal of Earthquake Technology**, **Volume 48, Year 2011, Pages 61-71**
10. 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
11. 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.
12. 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.
13. T. S. Umesh, **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.
14. 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.
15. Kavya H.K., J.K.Dattatreya, **Dinesh S.V.** and Siddesha H (2014), "Study on seismic design of raft foundation for RC multi storey building" **International Journal of Earth Sciences and Engg.**, Vol.7 No.5, pp-1023-1028, ISSN-0974-5904
16. Muttana S Balreddy, **S V Dinesh** and T G Sitharam (2015), "Influence of sand and low plasticity clay mixtures on the Liquefaction and Postliquefaction behavior", Japanese

Geotechnical Society Special Publication, Geodisaster Liquefaction, Part-1, Vol.2, No. 21 pp. 806-810, <http://doi.org/10.3208/jgssp.IND-10>.

17. B G Shivaprakash and **S V Dinesh** (2016). "Initial Shear Modulus of Sand-Fines Mixtures" International Journal of Earth Sciences and Engineering, Vol.09, No.05, P.P-1907- 1915
18. B G Shivaprakash and **S V Dinesh** (2016). "Depth of Input for Ground Response Analysis of Deep Soil Sites" International Journal of Earth Sciences and Engineering, Vol.09, No.04, P.P-1494- 1498
19. Naveena, P.C., **Dinesh, S.V.**, Gowtham, B. et al. Indian Geotech J (2017) 47: 286. <https://doi.org/10.1007/s40098-016-0209-3>
20. Shivaprakash, B.G., **Dinesh, S.V.** Dynamic Properties of Sand–Fines Mixtures. Geotech Geol Eng 35, 2327–2337 (2017) doi:10.1007/s10706-017-0247-3
21. Shivaprakash, B.G., **Dinesh, S.V.**, Effect of plastic fines on initial shear modulus of sand-clay mixtures. KSCE J Civ Eng 22, 73–82 (2018) doi:10.1007/s12205-017-1076-x
22. K H Mamatha and **S V Dinesh** (2017) "Resilient modulus of black cotton soil", International Journal of Pavement Research and Technology, Elsevier Publications, No 10, pp. 171-184
23. K. H. Mamatha & **S. V. Dinesh** (2018) "Evaluation of strain modulus and deformation characteristics of geosynthetic-reinforced soil – aggregate system under repetitive loading", International Journal of Geotechnical Engineering, 12:6, 546-555, DOI: 10.1080/19386362.2017.1307309
24. Mamatha, K. H.; **Dinesh, S. V.**, Swamy, B. C. (2018) "Performance of geosynthetic reinforced model pavements under repetitive loading, Geotechnical Engineering, Volume 49, Year 2018, Pages 42-48.
25. K. H. Mamatha & **S. V. Dinesh** (2019) "Performance evaluation of geocell-reinforced pavements", International Journal of Geotechnical Engineering, 13:3, 277-286, DOI: 10.1080/19386362.2017.1343988 (Taylors and Francis)
26. K.H. Mamatha, **S.V. Dinesh** & J.K. Dattatreya (2019) Evaluation of flexural behaviour of geosynthetic-reinforced unbound granular material beams, Road Materials and Pavement Design, 20:4, 859-876, DOI: 10.1080/14680629.2017.1422790
27. Mamatha K H, **Dinesh S V** (2019) Effectiveness of geogrid and its position on the performance of unpaved roads under repetitive loading, Innovative Infrastructure Solutions, 4:62. <https://doi.org/10.1007/s41062-019-0244-x>
28. Tejeshwini S., Mamatha K. H, Divyashree S. R. & **Dinesh S. V.** Polypropylene as a binder material for asphalt pavements: a study of long-term durability through aging simulations. J. Eng. Appl. Sci. 72, 247 (2025). <https://doi.org/10.1186/s44147-025-00832-4>
29. Mohan Badiger, K.H. Mamatha, **S.V. Dinesh**, Evaluation of commercial and scrap tyre cellular reinforcement infilled with demolition waste for granular sub-base of flexible pavements: A sustainable approach, International Journal of Transportation Science and

Technology, Volume 18, 2025, Pages 29-46, ISSN 2046-0430, <https://doi.org/10.1016/j.ijst.2024.05.003>.

30. S. Tejeshwini, K.H. Mamatha, **S.V. Dinesh**, Performance characterization of long-term aged bitumen: Field and laboratory investigation, *International Journal of Transportation Science and Technology*, Volume 17, 2025, Pages 175-191, ISSN 2046-0430, <https://doi.org/10.1016/j.ijst.2024.04.003>.
31. Shrinidhi, D., Adarsh, K.L., Mamatha, K.H. & S. V. Dinesh. Feasibility of use of recycled concrete aggregates in drainage layer of pavements: a comparative analysis. *J Mater Cycles Waste Manag* 27, 1174–1191 (2025). <https://doi.org/10.1007/s10163-025-02172-0>
32. Badiger, M., Mamatha, K. H., & Dinesh, S. V. (2026). Utilisation of construction and demolition waste in granular sub-base along with scrap tyre cellular reinforcement: a sustainable practice. *Road Materials and Pavement Design*, 27(1), 76–101. <https://doi.org/10.1080/14680629.2025.2479581>
33. S. Tejeshwini, K.H. Mamatha, **S.V. Dinesh**, Characterization of long-term field aging: differential impacts on rheological, chemical, and morphological properties of binders across the lanes of flexible pavement, *International Journal of Transportation Science and Technology*, Volume 21, 2026, Pages 1-30, ISSN 2046-0430, <https://doi.org/10.1016/j.ijst.2025.01.002>.
34. Mamatha, K.H., Tejeshwini, S., Sharath, A., **Dinesh S.V.** Investigation on the Mechanical Properties of Short-term and Long-term Aged Polypropylene Modified Bituminous Concrete Mix. *Int. J. Pavement Res. Technol.* (2026). <https://doi.org/10.1007/s42947-026-00700-1>

Journal publications Under Review

1. Shrilakshmi and Dinesh S V, “An Experimental Study on the Effect of Steel Fibers and Recycled Concrete Aggregates on the Mechanical Behaviour of Concrete Beams” submitted to *Iranian Journal of Science and Technology, Transactions of Civil Engineering, Springer*.
2. Susheel Kumar G, Mamatha K H and Dinesh S V, “Effect of Recycled Concrete Aggregates on the Mechanical and Durability Properties of Self-cured Concrete for Sustainable Construction” submitted to *Iranian Journal of Science and Technology, Transactions of Civil Engineering, Springer*.
3. Mamatha K H and Dinesh S V, “Prediction of strength development in cement stabilized silty sand” submitted to *International Journal of Civil Engineering, Springer*.
4. Vidyashree V K, Mamatha K H and Dinesh S V, “Cement stabilized recycled asphaltic pavement (RAP) for sub-base application” submitted to *International Journal of Civil Engineering, Springer*.
5. Udaya Kumar D T and Dinesh S V, “Pile Group Response in Liquifiable Sloping Grounds under Seismic Loading” submitted to *Geomechanics and Geoengineering: An International Journal, Taylor & Francis*.

6. Dinesh S V, Mamatha K H and Vinod Raj, “Effectiveness of Recycled Tyre as Cellular Reinforcement for Pavement Applications” submitted to *Frontiers in Built Environment*.

National Journals

1. 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
2. **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
3. 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.
4. 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
5. 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
6. **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, **ISET Journal of Earthquake Technology. ISSN 0972-0405**
7. P. C. Naveena, **S. V. Dinesh**, B. Gowtham and T. S. Umesh (2016) “ Prediction of Strength Development in Black Cotton Soil Stabilised with Chemical Additives”, *Indian Geotechnical Journal*, DOI: 10.1007/s40098-016-0209-3, pp 1-17.

Special publications

1. Balreddy M.S., Dinesh S.V., Sitharam T.G. (2019) Effect of Fines on Pore Pressure Development During Cyclic Loading. In: Adimoolam B., Banerjee S. (eds) *Soil Dynamics and Earthquake Geotechnical Engineering. Lecture Notes in Civil Engineering*, vol 15. Springer, Singapore.
2. Vidyashree V K, **Mamatha K H**, Dinesh S V (2021), “Strength Characteristics of Cement Stabilized Recycled Asphaltic Pavement (RAP) for Pavement Applications”, *Lecture Notes in Civil Engineering*, 77, pp. 351-361.
3. Vinod Raj B N, **Mamatha K H**, Dinesh S V (2021), “Feasibility of Recycled Tyre as Reinforcing Material for Pavements, *Lecture Notes in Civil Engineering*, 77, pp. 363-379.
4. Bhavana Suresh, **Mamatha K H**, Dinesh S V (2021), “Utilization of RAP in Flexible Pavements”, *Lecture Notes in Civil Engineering*, 77, pp. 419-429.
5. Tejeshwini S, Gowtham B, **Mamatha K H**, Dinesh S V, Anand Tadas (2021), “Influence of long-term laboratory aging on properties of binder”, *Lecture Notes in Civil Engineering*, 77, pp. 431-443.

6. Nayana D, **Mamatha K H**, Dinesh S V, Lokesh T R (2021), "Pavement evaluation using falling weight deflectometer (FWD)", Lecture Notes in Civil Engineering, 77, pp. 445-456.
7. Darshan H C, **Mamatha K H**, Dinesh S V and Lekha B M (2021), "Effectiveness of Cow dung mixed soil for rammed earth Application", Lecture Notes in Civil Engineering, 88, pp. 493-502.
8. Sahana T S, **Mamatha K H**, Dinesh S V and Chandrasekhara A (2021), "Strength Properties of Laterite soil Stabilized with Rice Husk Ash based Geopolymer", Lecture Notes in Civil Engineering, 88, pp. 389-399.
9. C P Sagar, Mohan Badiger, K H Mamatha and S V Dinesh (2022), "Prediction of CBR using Dynamic Cone Penetrometer Index", Materials Today: Proceedings (In press).
10. R Sanjay, S Tejeshwini, K H Mamatha and S V Dinesh (2022), "Comparative study on structural evaluation of flexible pavement using BBD and FWD", Materials Proceedings (In Press).
11. Umashankar, Y S Gowreesh, K H Mamatha and S V Dinesh (2022), "Effect of crushing mechanism on the shape properties of coarse aggregates", Materials Today: Proceedings (In press).
12. H Harshita, K H Mamatha and S V Dinesh (2022), "RAP as an improved layer for low volume roads", Materials Today: Proceedings (In press).
13. S J Koushik, K H Mamatha and S V Dinesh (2022), "Performance of DBM mixtures with unmodified and modified binder with RAP", Materials Today: Proceedings (In press).

Conference Proceedings

1. 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.
2. 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.
3. 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.
4. 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.
5. **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.
6. **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.

7. **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
8. 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.
9. 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.
10. 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.
11. 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.
12. **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.
13. 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
14. 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
15. 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.
16. 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.
17. 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.

18. 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
19. 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.
20. 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.
21. 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).
22. 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).
23. 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).
24. 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).
25. 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).
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Structures and Materials (ACMSM23), Byron Bay, Australia, 9-12 December 2014, S.T.Smith (Ed.), pp 985-990.

27. 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.
28. Sarfraz, H.V Shankar and **S.V Dinesh** (2015) "Analysis & Design of offshore central control room building for various loading conditions using different codes of practice", International conference on Innovative Research in "Mechanical, Electrical, Electronics, civil, Computer Science and Information Technology" 13organized by Jawaharlal Nehru University, New Delhi, 16-17 May 2015, pp.69-71
29. Ashok E, **S.V Dinesh**, J.K Dattatreya (2015), "Seismic Vulnerability assessment and comparison of RC buildings with and without infill using Pushover analysis", International conference on Innovative Research in "Mechanical, Electrical, Electronics, civil, Computer Science and Information Technology" 13organized by Jawaharlal Nehru University, New Delhi, 16-17 May 2015, pp.7-11
30. Mallikarjun I.G, Ashwin K.N, Dattatreya J.K, **S.V Dinesh**, "Influence of skew angle on static 13rganize of RCC and PSC slab bridge decks", International Journal of Engineering Research and Technology (IJERAT) , Vol. 1, Issue 1, pp.7-15
31. Muttana S Balreddy, **S V Dinesh** and T G Sitharam (2015), "Influence of sand and low plasticity clay mixtures on the Liquefaction and Postliquefaction behavior", 15th Asian Regional Conference on Soil Mechanics and Geotechnical Engineering (15ARC), Fukuoka, Japan, 9th -13th November 2015 (Paper No: IND 10)
32. Ashwini Shanbhag, **Dinesh S V**, H S Lalithamba and Anand Tadas (2015), "An Experimental Investigation of Physical, Chemical and Rheological properties of RAP modified Asphalt Binder", Fifth International Conference on Geotechnique, Construction Materials and Environment", Osaka, Japan, Nov. 16-18, 2015
33. Ashwini Shanbhag, H S Lalithamba, Anand Tadas, **S V Dinesh** (2015), "Evaluating the Performance of Hot Mix Asphalt with Reclaimed Asphalt Pavement and Engine Oil as Rejuvenator", 3rdConference of Transportation Research Group of India (3rd CTRG), Kolkata, Dec. 17-20, 2015
34. Ashwini Satyanarayana, Dattatreya J.K., **S.V.Dinesh** (2016), "Investigation of Seismic performance of RC T-Beam Bridges using Isolation Technique", International Conference on Applied Science, Engineering and Technology (ICASET-16), organized by Sri Sairam College of Engineering (SSCE), Anekal, Bengaluru and Institute for Engineering Research and Publication (IFERP), pp-112, ISBN:9788192958050, 06th to 07th June 2016
35. Revanasiddappa Madihalli, Raghavendra A., Dattatreya J.K., S.V. Dinesh (2016), "Optimization of high strength concrete mix incorporating bagasse ash and slag aggregate as partial replacement materials using Taguchi method", International Conference on Applied Science, Engineering and Technology (ICASET-16), organized by Sri Sairam College

of Engineering (SSCE), Anekal, Bengaluru and Institute for Engineering Research and Publication (IFERP), pp-126, ISBN:9788192958050, 06th to 07th June 2016

36. Raju J, Mamatha K.H. & Dinesh S.V. (2016), “Investigation on Load – Deformation characteristics of Unbound Granular Materials confined by Geocells using three layered beam model”, International Conference on Soil and Environment organized by IISc, Bengaluru, 22nd to 23rd July 2016
37. Rajan D, Mamatha K.H, **Dinesh S.V.** (2016), “Performance studies on Geosynthetic Reinforcement in pavements resting over a weak subgrade by repetitive load test”, International Conference on Soil and Environment organized by IISc, Bengaluru, 22nd to 23rd July 2016
38. Prakasha E, Mamatha K.H., Dattatreya J.K, **Dinesh S.V.** (2016), “Flexural behavior of geogrid reinforced unbound granular materials beams”, International Conference on Soil and Environment organized by IISc, Bengaluru, 22nd to 23rd July 2016
39. Sugandh Y.E, Mamatha K.H, B.G.Shivaprakash, **Dinesh S.V.** (2016), “An experimental investigation on deformation and strength characteristics of unreinforced geosynthetic reinforced layers by plate load test”, International Conference on Soil and Environment organized by IISc, Bengaluru, 22nd to 23rd July 2016
40. Muttana S Balreddy, **Dinesh S.V.**, Sitharam T.G. (2016), “Evaluation Of Dynamic Properties Of Sand-Low Plasticity Clay Fines Mixtures”, International Conference on “Recent Advances in Geotechnical Earthquake Engineering and Soil Dynamics (6ICRAGEE)” at IIT Roorkee Extension Centre, 20, Knowledge Park II, Greater Noida, India., August 01-06, 2016

National Conferences

1. 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.
2. 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.
3. 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.
4. **S.V. Dinesh, (2003)**
5. **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.
6. **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.

7. 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
8. 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
9. 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.
10. 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.
11. 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.
12. 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.
13. 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.
14. 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.
15. Ashwin K.N. Ramanjuneyalu and Dinesh S V, (2011), Analysis of Simply supported Skew slab Bridge Decks”, Proceedings of Nuicone Conference, Nirma University, Ahmedabad, Gujarath
16. 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, Gujarath
17. 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.
18. 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.
19. 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.

20. 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
21. 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.
22. 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
23. G Mahesh Kumar, Muttana S. Balreddy, **S V Dinesh** and B V Ravishankar (2012), “Role of plasticity index on the liquefaction behavior of sand – fines mixture”, Proceeding of Indian Geotechnical Society, Delhi Chapter and IIT, New Delhi, PP: 1017 – 1021
24. 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
25. 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
26. 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.
27. B. Gowtham, T S Umesh, 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
28. 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
29. 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

30. 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.
31. 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.
32. 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.
33. 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.
34. 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
35. 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.
36. 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.
37. Ashok E, **S.V. Dinesh** and J.K. Dattatreya (2015), "Seismic Vulnerability of RC buildings using Pushover Analysis", National conference on Futuristic technology in civil Engineering for Sustainable Development (NCFTCES-15) organized by CED, SJB Institute of Technology, Bangalore, 9th May 2015, pp.10-15
38. Vasant Nagapathi Hegde, Navanetha Hombali B.N, **S.V Dinesh** (2015), "Green Road Rating System", National conference on Futuristic technology in civil Engineering for Sustainable Development (NCFTCES-15) organized by CED, SJB Institute of Technology, Bangalore, 9th May 2015, pp. 126-130
39. Muttana S Balreddy, **S V Dinesh** and T G Sitharam (2015), "Effect of Plastic and Non-Plastic Fines on Liquefaction Resistance of Sandy Soils", 50th Indian Geotechnical Conference 17rganized by IGS, Mumbai Chapter and COE, Pune on Dec 13-15, 2015.

40. Muttana S Balreddy, **S V Dinesh** and T G Sitharam (2016), “Effect of fines on pore pressure development during cyclic loading”, 51th Indian Geotechnical Conference 18rganized by IGS, Chennai Chapter and IIT, Madras on Dec 15-17, 2016.

Editor/ Reviewer of Journal

1. CURRENT SCIENCE, a Journal by Indian Science Academy.
2. Journal of Earth Sciences and Engineering,
3. International Journal of Geotechnical and Geological Engineering (JGGE) by Springer Verlag.
4. Associate Editor for International Journal of Geology, North Atlantic University Union
5. Road Materials and Pavement Design, Taylors and Francis Publications
6. Marine Georesources and Geotechnology, Taylors and Francis Publications.
7. International Journal of Pavement Engineering, Taylors and Francis Publications
8. Frontiers in Built Environment- Transportation and Transit Systems, Elsevier Publications.
9. International Journal of Geomechanics, ASCE Journals.

Patents

- NIL

Invited Lectures, talks and workshops

1. **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.**
2. **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.**
3. 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
4. Delivered a lecture on **“Static and cyclic behavior of granular media by Discrete Element Method”** at Yamaguchi University, Japan, 17th November 2005.
5. Delivered a lecture on **“Dynamic Properties of Sand-Clay mixtures”** in the workshop on Earthquake Engineering for teachers at IIT Roorkee September 2006.
6. Invited for the workshop on **“Earthquake Engineering Education in India – Looking ahead”** organized by NPEEE at IIT Delhi on 5th January 2007 (Participation was by Invitation)

7. Delivered **6 lectures** on Stability of Slopes for **students of VTU through VTU- E learning centre in 2008.**
8. Delivered a lecture on **“Geotechnics for Urban Infrastructure”** at Sridevi Institute of Technology, Tumkur on -----
9. Conducted one day workshop on **“CO-PO Mapping, Curriculum gap analysis and attainment of CO-POs”** to the faculty of the Department of Civil Engineering, JNNCE, Shimoga on 30/01/2017.
10. Delivered 6 lectures on Clay Minerology and Soil Compaction for students of VTU through **VTU- E learning Centre under VTU Edusat Programme** during 14-02-2018 to 19-05-2018.
11. Conducted two-day sessions in the TEQIP –III sponsored **“Three Days National Workshop on Outcome based Education”** during 21st to 23rd June 2018 at PDA College of Engineering, Kalburgi.
12. Conducted one week (6day) Faculty Development workshop on **“NBA Specific OBE”** as resource person for the faculty of Mechanical Engineering, Industrial Engineering and Management and Bio-Technology Departments at SIT, Tumkur from 22nd April 2019 to 27th April 2019.
13. Delivered a talk on **“Overview of NBA, Pre-qualifer & Criteria for Diploma Engineering Programmes”** on 24th June 2019 in the 3-day workshop on **“Implementation of Outcome Based Education in Polytechnic Colleges”** at Siddaganga Polytechnic, Tumakuru.
14. Delivered a technical lecture on **“Pavement Geotechnics”** on 22nd July 2019 in the 5 day FDP programme on **Advances in Transportation Engineering and Geotechnical Engineering”** at Vidyavardhaka College of Engineering, Mysore.
15. Delivered a technical lecture on **“Geosynthetics for Pavement Applications”** on 27th July 2019 in the 2 day Symposium on **“Geotechnics for Sustainable Infra structure Development”** at Basaveswara Engineering College, Bagalkot.
16. Delivered a talk on **“NBA accreditation Process and Criteria for UG Pharmacy programme”**, on 1st November 2019 in the 3-day workshop on **“NBA Accreditation for undergraduate Programme of Pharmacy”** at Siddaganga College of Pharmacy, Tumakuru.