

1	Name of Faculty	Dr. NEMANI RAVI DAKSHINA MURTHY	
2	Designation	Associate Professor	
3	Nature of Job/Appointment	Regular	
4	Date of Joining	22-07-2014	
5	E-mail	dakshinamurthy_civil @cbit.ac.in	
6	Education Qualifications	Name of the Degree	Class
	Ph. D	Doctor of Philosophy (CIVIL)	AWARDED
	PG	M. Tech. (CIVIL)	First Class
	UG	B. E. (CIVIL)	First Class
7	Work Experience		
	Teaching	27 Years	
	Research	20 years	
	Industry	02 years	
	Others	0 Months	
8	Area of Specialization	Structural Engineering.	
9	Professional Memberships	Member, C.Engg., Number: F-1233900 Member, ISTE., Number: LM 42784 Fellow Member in Institution of Engineers (India).(FIE) Number: F-1233900 Life member Indian concrete Institute Journal (MICI) Member – INSDAG. Evaluator for AQIS schemes AICTE (MHRD) Reviewer for IUP, ICJ, Web of Science, Elsevier Journals, KSCE	
10	Responsibilities held at Institution Level	Mentor Student Induction programme 2019-2020	
11	Responsibilities held at Department Level	<ol style="list-style-type: none"> Member, Board of Studies from 2018 to till date. Member, Course Expert Group. Faculty In-charge, Material Testing Laboratory (2015-2018). Faculty In-charge, Concrete Laboratory. (2018-till date) Responsible for preparation of SAR for two accreditations of NBA-AICTE, in the capacity of In-charge, Criteria -5 Accreditation works- Department of Civil engineering. Coordinator, M.E (Structural Engg) programme (2017-Till date). Member Board of Studies, KUC, GRRIT Coordinator R&D Member, Course Expert Group Faculty Mentor NITTR Central committee member NIRF 	
12	Research Guidance	<ol style="list-style-type: none"> Three Ph.D.'s awarded. Two scholars submitted 	
13	Awards Received	Two Ph.D. Scholars ongoing in the area of Structural and Transportation engineering	Three Published patent One Granted patent

14	Courses Handled at Under Graduate / Post Graduate Level.	Engineering Mechanics, Strength of Materials-1, Strength of Materials-2, Reinforced Concrete Structures, Structural Design-3, Structural Design-4, Concrete Technology, Prestressed Concrete, Disaster Mitigation Management, Repair and Rehabilitation of Structures, Advanced Concrete Technology, Structural Health Monitoring, Bridge Engineering.
15	No. of Papers Published	National Journals – 24 International Journals – 12
16	Projects Carried out	MODROBS-2 No's, Seminar Grant-1 No.
17	Patents	-Nil-
18	Technology Transfer	--
19	Invited Speaker	<ol style="list-style-type: none"> 1. Delivered Lectures in Training programme for State Govt Engineers, “Design of Overhead tanks”, ESCI Hyderabad. 2. Delivered Lectures in Training programme for State Govt Engineers, Utilization of Fly Ash, AP TRANSCO (VTPS). 3. Delivered Lectures in Training programme for State Govt Engineers, Quality Control in Concrete Structures TS ARD. 4. Delivered Lectures in Training programme for State Govt Engineers, Concrete Technology for Field Engineers, AP Police Housing Board. 5. Resource person for the AICTE sponsored FDP “Structural Health Monitoring of RC Structures, IARE Hyderabad 6. Resource person for the AICTE sponsored FDP “Recent Advances in concrete and constructions -2012”, Pozollanas In concrete Production VNR VJ college of Engg. Hyderabad. 7. Chaired a technical session at National conference on Recent Advances in structural Engineering “NCRASE2020” organized by Dept of Civil Engineering NITJ Under TEQIP III from Aug21-22 2020(online Mode) 8. Resource person for the AICTE sponsored FDP “Condition Assessment and Retrofitting of Concrete Structures”, Distress in concrete structures and remedial measures, GMR Institute of Technology RAJAM. 9. Resource person AICTE sponsored FDP KITS Warangal Jan 2021 10. Resource person for Training Programs for state government engineers at ESCI Hyderabad.
20	No. of Books/Chapter Published with details	<ol style="list-style-type: none"> 1. N.Srikanth, N R Dakshina Murthy, M V S Rao, Lecture Notes in Civil Engineering, “Stress–Strain Behaviour of Self-consolidated Processed Recycled Aggregate Concrete”, Recent Advances in Structural Engineering, Vol 135, pp-51-59, ISSN 2366-2557, ISBN 978-981-33-6388-5, Springer Nature Singapore. https://doi.org/10.1007/978-981-33-6389-2_6 (Scopus). 2. N.Srikanth, N R Dakshina Murthy, Lecture Notes in Civil Engineering, “Studies on Infiltration Rate of Pervious Concrete”, Recent Advances in Structural Engineering, Vol 135, pp-21-28, ISSN 2366-2557, ISBN 978-981-33-6388-5, Springer Nature Singapore. https://doi.org/10.1007/978-981-33-6389-2_3 (Scopus). <ol style="list-style-type: none"> 1. One-week Online Faculty Development Program on “Recent Trends and Research scope in Civil Engineering”, organized by Department of Civil Engineering, Chaitanya Bharati Institute of Technology, Hyderabad ,India from July 6 to July 10,2020. 2. Participated in the One Week online Refresher Course on “BHARATEEYA CHAITANYAM”, organized by the GEERVANA BHARATHI of CHAITANYA SAMSKRUTHI from 29-06-2020 to 05-07-2020. 3. Participated in the One Week online Refresher Course on “Practical aspects of Civil Engineering”, organized by the Sethu Institute of Technology, Kariapatti in Association with ISTE New Delhi from 3-08-2020 to 08-08-2020 4. Complted one Week online Orientationtraining programme for mentors organized by the AICTE New Delhi from 01-02-2021 to 05-02-2021 5. Participated in the One Week online STTP on “Sustainable
21	Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops.Othe r Trainings (Attended and/or Organized).	



**Details of Journal Publications/
Conferences (National and
International)**

22

Book Chapters:

Materials&Resilient Buildings-Philosophy,Design, Implementation and Performance "Organised by CED KITS Warangal,4.01.2021 to 09.01.2021, Sponsored by TEQIP III.

6. Participated in Three day National Webinar/Workshop on "Transforming Pedagogy in India " Organised by NIT Jamshedpur, 01.08.2021 to 03.08.2021, Sponsored by the AICTE New Delhi
7. Successfully attended webinar on First Leadership Talk with Shri Dipendra Manocha, (Motivational Speaker) held on 27th June,2020 by MHRD's Innovation Cell
8. Participated in the IIC Online Sessions conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi to promote Innovation, IPR, Entrepreneurship, and Start-ups among HEIs from 28th April to 22nd May 2020.
9. Successfully attended Webinar on First Leadership Talk with Dr. Pramod Chaudhari, Founder, Chairman, Praj Industries Limited and Dr. Abhay Jere, Chief Innovation Officer MHRD Innovation Cell, Saturday, 16th May 2020 at 01.00 PM by MHRD's Innovation Cell
10. Successfully attended the India First Leadership Talk webinar with Prof D. P. Singh, Chairman UGC Broadcasted on 9th May 2020 by MHRD's Innovation Cell
11. National Level Training Programme on "Disaster Risk, Vulnerability Assessment and Managemet" organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India, New Delhi and Department of Civil Engg, Delhi University, New Delhi during 29th June - 3rd July, 2020 (1 week).
12. One Week FDP on "PESUEL" organized by Vignan Bharati institute of Technology Hyderabad from 8-06-2020 to 13-06-2020.
13. One Week FDP on "Outcome Based Education and NBA accreditation process ",CBIT 28 may 2020 to 1-06-2020
14. One Week FDP on "NBA accreditation process" organized by NITTR Kolkota from 22-04-2019 to 26-04-2019.
15. AICTE STTP on MIB:IMP IITM March 25-30 march 2019
16. One week FDP on F E Applications in Mechanical and Civil Engineering CBIT Jan 23-28 Jan 2017
17. Organized Two Day National seminar "Health Monitoring of Reinforced Concrete Structures"(HMRCS) AICTE Sponsored 2013
18. Organized a two day National Conference on "Condition Assessment and Retrofitting of Structures", TEQIP (CARS) during Sep 25th -26th 2016.
19. One Week FDP on "Water Availability pollution Risk management", KITS-W
20. Organized a two day National Conference on "Health Monitoring of RC Structures for Sustainability", AICTE Sponsored.
21. One Week FDP on "Earth Quake resistance Design of Masonary Structures", IITR.may 16-21 may 2005
22. One Week FDP on "Finite Element applications in design of EQ resistant Structures", IITM.
23. One Week FDP on "Managerial capacities Enhancement programme" (IIM Indore)

1. Subbarayan, S., Sankriti, R., Neman, D.R., Ranganathachar, D., Arivoli, E., Janardhanam, N. (2026). Extracting Aquaculture Ponds from Natural Water Surfaces Around Inland Lakes Through GEE Datasets: A Case-Study of River Krishna Delta in South India. In: Muthukumaran, K., Mini, K.M., Shukla, S.K., Kasiviswanathan, K.S. (eds) Proceedings of International Conference on Advances in Materials, Modeling, and Analysis for Sustainable and Resilient Infrastructure Volume 1. AMMA SRI 2025. Lecture Notes in Civil Engineering, vol 719. Springer, Singapore. https://doi.org/10.1007/978-981-95-0229-5_14

2. N.Srikanth, N R Dakshina Murthy, M V S Rao, Lecture Notes in Civil Engineering, "Stress–Strain Behaviour of Self-consolidated Processed Recycled Aggregate Concrete", Recent Advances in Structural Engineering, Vol 135, pp-51-59, ISSN 2366-2557, ISBN 978-981-33-6388-5, Springer Nature Singapore. https://doi.org/10.1007/978-981-33-6389-2_6 (Scopus).

3. N.Srikanth, N R Dakshina Murthy, Lecture Notes in Civil Engineering, "Studies on Infiltration Rate of Pervious Concrete", Recent Advances in Structural Engineering, Vol 135, pp-21-28,

ISSN 2366-2557, ISBN 978-981-33-6388-5, Springer Nature Singapore. https://doi.org/10.1007/978-981-33-6389-2_3 (Scopus).

4. N R Dakshina Murthy, "Evaluating the performance of precast concrete components for the application in low-cost housing", Cement and Building Concrete for a sustainable and Resilient infrastructure, March 28-29, 2023. (https://doi.org/10.1007/978-981-99-7464-1_21).
1. N R Dakshina Murthy, D Rama Seshu , M V S Rao, "Computation of Stress - Strain Behaviour of Fly Ash Concretes in Medium Grades" "International journal of computational intelligence research and applications 1(2).July-Dec 2007 pp 159-169 (ISSN 0973-6794)
2. N R Dakshina Murthy, D Rama Seshu , M V S Rao, "Studies on fly ash concrete under Sulphate Attack in ordinary, standard and higher grades at earlier ages" Asian Journal of civil Engineering.vol.8 No2. 2007 pp 203-214 (ISSN 1563 – 0854) (Q2),
3. N R Dakshina Murthy, D Rama Seshu , M V S Rao, "Sulphate Resistivity of Rice Husk Ash High Strength Concrete "International journal of Scientific Computing" pp 69-72;Vol.4 No.2, July-Dec.2010 (ISSN 0973-578x)
4. Krishna Rao M.V.*, M. Shobha , Dakhshina Murthy N.R., "Effect of elevated temperature on strength of differently cured concretes- An experimental study" AJCE Vol12. No1. pp73-85.(Feb 2011) (ISSN 1563 - 0854) (Q2),
5. Krishna Rao M.V.*, Dakhshina Murthy N.R., Santhosh Kumar V, "Behavior of Poly Propylene Fibre Reinforced Fly Ash concrete Deep Beams in Flexure and Shear" AJCE Vol12. No2. Pp143-154.(Apr 2011) (ISSN 1563 - 0854) (Q2),
6. D Rama Seshu , N R Dakshina Murthy, Non-Destructive Testing of a Bridge Pier-A Case Study" Elsevier Science Direct Procedia engineering (ISSN 1877-7058)-SCI (54) 2013 Pp 564-572 <https://doi.org/10.1016/j.proeng.2013.03.051>
7. D Rama Seshu , N R Dakshina Murthy, "A Study on Fly ash Cement Mortar (FCM) Brick Masonry", Cement Wapno Beton, Vol 25, Issue 1, (2020), 45-51. [\(Q3\),](https://doi.org/10.32047/CWB.2020.25.1.5.(SCI))
8. S R R Teja Prathipati, C.B.K Rao, N.R.Dakshina Murthy, "Mechanical behavior of Hybrid Fiber Reinforced High Strength Concrete with graded fibers", International Journal of Engineering (IJE) Manuscript ID: IJE-2004-2667 (R1) (Vol 33, No 8 Aug 2020). PP 1465-1471 (Q2) (ESCI)
9. M.Srikanth*, L.Sudheer Reddy*, S.Sunil Pratap Reddy, D.Hari Krishna & N.R.D.Murthy. (2022). Durability Studies on Self Compacting Recycled Aggregate Concrete Using GGBS. Yantu Gongcheng Xuebao/Chinese Journal of Geotechnical Engineering, 44(9),16–27. DOI: 10.11779/CJGE202209.3.(Q2)
10. Abdul Hafeez Mohammed, M. Anjaneya Prasad and N.R.Dakshina Murthy . "Application of Evolutionary Techniques to Minimize Torsion for Plan Irregular Re-entrant Corner Buildings", Turkish Journal of Engineering, January 2025.(Q3)
11. Sridhar Bhupathi, Ramesh Adepu, Sastri M.V.S.S, Vinayaka Ram Vijayapuri and Dakshina Murthy N.R, "Experimental evaluation of eco-friendly asphalt mixtures with recycled fine aggregates and steel slag", Innovative Infrastructure Solutions 2025 Dec, <https://doi.org/10.1007/s41062-024-01834-6> (Q2), (ESCI)
12. Mohd Abdul Hafeez, Dr. M. Anjaneya Prasad, N. R. Dakshina Murthy. Application of Evolutionary Algorithm Technique to Minimize Torsion for Plan and Vertical Asymmetrical RC Buildings. Journal of Information Systems Engineering and Management. 2025, 10(27s). doi.org/10.52783/jisem.v10i27s.4443 (Q3)
13. Thatikonda Naresh1 · N. R. Dakshina Murthy2 · Mainak Mallik3 · Vishal Singh2 Performance assessment of concrete incorporating waste rubber powder as partial cement replacement. Journal of Building Pathology and Rehabilitation (2025) 10:138 <https://doi.org/10.1007/s41024-025-00646-0> (Springer).(Q2) (SCIE)
14. Sastri M.V.S.S, S.Vijaya Kumar, N.R.Dakshina Murthy "Impact of Ultrafine fly ash on Mechanical Properties of Recycled concrete aggregate: A factorial design study" Res.Eng.Struct.Mat.Vol.xIss.x(xxxx)xx-xx, doi:<http://dx.doi.org/10.17515/resm2025-851me0427rs> (Q3) (ESCI)

1. N R Dakshina Murthy, P R Kumar, D Rama Seshu, M V S Rao, "Effects of Risk Husk Ash on the strength and durability of concrete." ICI journal, July-Sept. 2002, Vol.3. (ISSN 0972 – 2998)
2. N R Dakshina Murthy, D Rama Seshu, M V S Rao, "Constitutive Behaviour of Fly Ash Concretes with steel fibers in Ordinary Grades" (IEI) Institution of Engineer's Journal India. Vol 88,AUG 2007 pp 41-46 (ISSN 0020 – 336X) (Q2),
3. N R Dakshina Murthy, D Rama Seshu, M V S Rao, "Constitutive Behaviour of Fly Ash Concretes with steel fibers in Higher Grades" The Bridge and the Structural Engineer Journal India, vol.38 No.1, March 2008. (IABSE) (ISSN 1683 – 0350)
4. N R Dakshina Murthy, Sunil Pratap Reddy "Stress- Strain Behaviour of High volume fly ash concretes in Higher grades" in the "International Journal of earth sciences" pp 224-233, vol. 3, 01 spl. March, 2010 (ISSN 0974 - 5904)
5. N R Dakshina Murthy, D Rama Seshu, M V S Rao, "Durability Studies on Rice Husk Ash High Strength Concrete " The Bridge and the Structural Engineer Journal. (IABSE) Vol.41 No.1 pp 55-75, March-2011. (ISSN 1683 – 0350)
6. N R Dakshina Murthy, L Sudheer Reddy, "Moment-Curvature characteristics of Ordinary Grade Fly Ash concrete Beams" IJCSE Vol 3. No1 2011. pp 497-508 (ISSN 0976 – 4339)
7. N R Dakshina Murthy, "Moment-Curvature characteristics of Standard Grade Fly Ash concrete Beams" ICI journal Vol 11 no.4 pp 21-25 Jan-Mar 2011 (ISSN 0972 – 2998)
8. K.Ramujee N R Dakshina Murthy, "Non Destructive Evaluation of Concrete Structures - A Case Study" The Bridge and the Structural Engineer Journal. (IABSE) Vol. 42 No. 4 , December 2012. (ISSN 1683 – 0350)
9. GVV Satya Narayana, N R Dakshina Murthy, M V S Rao, "Behavior of Blended Mortars Under Acid Environment" The IUP Journal of Structural Engineering. ICFAI May 2013.Issue.pp 17-32 (ISSN – 0733 – 9445)
10. Sunil Pratap Reddy, Seshikala, MVS Rao, Venkata ramana, N R Dakshina Murthy "A Durability performance study on bacterial concrete embedded with bacillus subtilis in ordinary grade concrete." Pp 7-15 ICI Apr-Jun 2013 Vol.14 No.1 (ISSN 0972 – 2998)
11. Sunil Pratap Reddy, MVS Rao, N R Dakshina Murthy, Venkata ramana, "Moment curvature of reinforced concrete beams in ordinary grade embedded with bacteria (bacillus subtilis) "Journal of Structural Engineering Vol. 42, No. 2, pp. 78-86 June- July 2015.(Scopus) (Q4),
12. GVV Satya Narayana, N R Dakshina Murthy, M V S Rao, "Studies on response of two way blended concretes slabs under Impact loads" Pp 1-7 ICI Apr-Jun 2015 (ISSN 0972 – 2998)
13. GVV Satya Narayana, N R Dakshina Murthy, M V S Rao, "Studies on energy absorption capacity of two way slabs with blended pozzolanic concretes subjected to flexure" PP 54-63 ICJ August 2015 (Q4),
14. GVV Satya Narayana, N R Dakshina Murthy, M V S Rao, "Studies on Punching shear resistance of two way slab specimens with partial replacement of cement by GGBS with different edge conditions" (IEI). Vol. 97, Sep-2016, Issue .3, PP: 307-312. (Q2),
15. N Srikanth , N R Dakshina Murthy, M V S Rao, "Studies on SCC using processed and unprocessed recycled aggregate" ICI journal, Oct- Dec. 2017, Vol.18. (ISSN 0972 – 2998).
16. D Hari Krishna , N R Dakshina Murthy, N V Ramana Rao, "Experimental Studies on Blended Puzzolonic Concretes With recycled aggregate in Acidic Environment", Volume 93, Number 02, February 2019, Pp 44-51. Indian Concrete Journal (ISSN 0019 – 4565) (Q4),
17. D Hari Krishna , N R Dakshina Murthy, N V Ramana Rao, "Comparative study on Shear performance of Blended Pozzolonic R.C beams with Fly Ash & Recycled Aggregates" Journal of Structural Engineering, Vol. 47, No. 4, October - November 2020 pp. 273-283. (Scopus) (Q4),
18. N Srikanth , N R Dakshina Murthy, M V S Rao, "Perfunctory performance of self-compacting concrete using recycled coarse aggregate with and without processing", Journal of Structural Engineering, Vol. 48, No. 4, October - November 2021 pp. 307-318.

(Scopus) (Q4),

19. SS Reddy, LS Reddy, M. Srikanth, N R Dakshina Murthy, "Performance of cement composite with GGBS and Alcofine as partial replacement ", Volume 97, February 2023, Pp 01-08. Indian Concrete Journal (ISSN 0019 – 4565). (Q4),
20. L. Sudheer Reddy, N.R.D. Murthy, M. Srikanth, S. Sunil Pratap Reddy and D. Mani Keerthana, "Selection of Building Materials Using Fuzzy Analytical Hierarchy Process", The Open Civil Engineering Journal ISSN: 1874-1495, DOI: 10.2174/0118741495311020240708045927, 2024, July. (Q4),
21. Dhanavath Siva, R Srinivas Kumar, N R Dakshinamurthy (2024) Influence of Recycled Aggregates on Mechanical and Permeability Properties of Pervious Concrete. Indian Journal of Science and Technology, 18(): 1-12.

1. Ratish, SS Jamkar, N R Dakshina Murthy, Narendra Arora, "Super Plasticizers in high strength mortars for use in Ferro Cement works." International conference on Our world in concrete & structures, Aug 2001, Singapore. VOLXX(2001)(ISBN -981 – 04-2513-9)
2. N R Dakshina Murthy, K Ramoji "Split Tensile Strength of High Volume Fly Ash Concretes in Lower, Medium and Higher Grades with and without Steel Fibers in different grades" International Conference on Advances in Concrete and Construction Technology, 7-8 December 2005, organized by SRM Engineering College, Chennai. (ISBN 81 – 7525-650-8)
3. K Ramoji, N R Dakshina Murthy "Compressive Strength of Fly ash concretes Subjected to Elevated Temperatures" International Conference on Advances in Concrete and Construction Technology, 7-8 December 2005, organized by SRM Engineering College, Chennai. (ISBN 81 – 7525-650-8)
4. N R Dakshina Murthy, L Sudheer Reddy "Studies on Durability and Performance of Mineral Admixture Concretes" International Conference on Recent Trends in Engineering, Technology & Management 26-27 February 2011, organized by BIET; Jhansi.
5. N R Dakshina Murthy, D Rama Seshu, "Non-Destructive Testing of a Bridge Pier-A Case Study" 2nd international conference on Rehabilitation and Maintenance in Civil Engineering SOLO Indonesia 8th-10th March-2012.
6. GVV Satya Narayana, N R Dakshina Murthy, M V S Rao, "Sustainable studies on energy absorption capacity of two way slabs with blended concretes" International conference on sustainable construction industry organized by IIT Hyderabad, 17th and 18th October, 2014.(ASCE India Section) pp-350-358.
7. GVV Satya Narayana, N R Dakshina Murthy, M V S Rao, "Punching Shear Strength On Two Way Slab Specimens: Comparison Using IS And ACI Codes" International conference on Innovations in Structural Engineering"organized by Osmania University Hyderabad, 14th to 16th December, 2015. pp-137-145.
8. N Srikanth , N R Dakshina Murthy, M V S Rao, "Basic studies on SCC using recycled aggregate", International Conference On Advances in Concrete, Structural & Geotechnical Engineering, BITS-PILANI, Pilani, February 2018, pp 735-738.
9. D Hari Krishna , N R Dakshina Murthy, N V Ramana Rao, "Mechanical and durability studies on blended pozzolanic concretes with fly ash & recycled aggregates", International conference on Advanced Lightweight Materials and Structures, Materials Today, <https://doi.org/10.1016/j.matpr.2020.03.174>. (Elsevier)
10. N Srikanth , N R Dakshina Murthy, M V S Rao, "Studies on Impact Resistance of Self-Compacting Concrete with mechanically treated Recycled Coarse Aggregate", IOP Conference Series: Materials Science and Engineering, 1197 (1) 012051, November 2021. doi:10.1088/1757-899X/1197/1/012051
11. B Harish, N.R Dakshina Murthy M Sridhar , K J Rao " A study on mechanical properties of high strength concrete with alccofine as partial replacement of cement" Materials Today: Proceedings Volume 52, Part 3, 2022, Pages 1201-1210
<https://www.sciencedirect.com/science/article/pii/S2214785321070437>
12. Dr. K. Saravanan, Dr Kapil Aggarwal, Karthick Raja M, N R Dakshina Murthy, Sireesha koneru, Archee Verma, "IoT-integrated deep learning

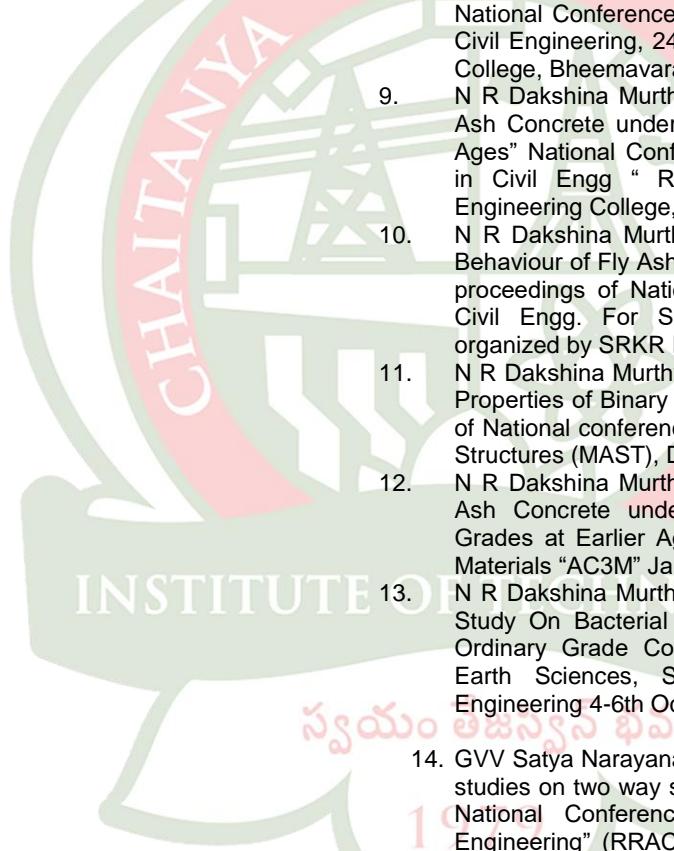


model and Smart Bin system for real-time solid waste management", Trends in Electronics and Informatics, ICOEI-2023, 11-13 April, 2023, Tirunelveli, India.

13. N R Dakshina Murthy, "Evaluating the performance of precast concrete components for the application in low-cost housing", Cement and Building Concrete for a sustainable and Resilient infrastructure, March 28-29, 2023. (Accepted).
14. Priyadarshini, Daida Veronica, G. V. V. Satyanarayana, and N. Ravi Dakshina Murthy. "Experimental investigation on durability aspects of hybrid fibre reinforced concrete under marine conditions." *AIP Conference Proceedings*. Vol. 2754. No. 1. AIP Publishing, 2023.
15. Rohith Kumar, J., G. V. V. Satyanarayana, and N. Ravi Dakshina Murthy. "Design and analysis of multi-story building having visco-elastic dampers." *AIP Conference Proceedings*. Vol. 2754. No. 1. AIP Publishing, 2023.
16. Sanjana, Pandrala, G. V. V. Satyanarayana, and N. Ravi Dakshina Murthy "Experimental investigation on mix proportions of foam concrete to fix ingredients in low and medium densities." *AIP Conference Proceedings*. Vol. 2754. No. 1. AIP Publishing, 2023.
17. M.Arun Sai Kumar and Dr. N. Ravi Dakshina Murthy "Mechanical properties of Reinforced Concrete with Partial Replacement of Cement with GGBS". International Conference on Generic and Pedagogical Research Evolutions in Civil engineering and its allied sciences (IC-GPREC 2023)" on 10th & 11th November -2023. IC-GPREC - 2023 proceedings series
18. Mohammed Adeeb Ahmad and Dr. N. Ravi Dakshina Murthy "A study on flexural behavior of Reinforced Concrete with Partial Replacement of cement with GGBS" International Conference on Generic and Pedagogical Research Evolutions in Civil engineering and its allied sciences (IC-GPREC 2023)" on 10th & 11th November -2023. IC-GPREC - 2023 proceedings series.
19. S. W. M. Quadri, Vishal Singh, N. R. Dakshina Murthy and Rajesh Kumar, "Analysis of porous beam for non-linear bending under different non-uniform loadings - A numerical study", 7th International conference on modelling and simulation in Civil Engineering (ICMS-2024), TKM College of Engineering, Kollam, during 5th to 7th - December, 2024.
20. Syed Anees Ur Rahman, Vishal Singh, N. R. Dakshina Murthy, Rajesh Kumar, "Analysis of porous sandwich plate for non-linear bending subjected to non-uniform loadings", 7th International conference on modelling and simulation in Civil Engineering (ICMS-2024), TKM College of Engineering, Kollam, during 5th to 7th December, 2024.
21. S.W.M. Quadri, N. R. Dakshina Murthy, Vishal Singh, Rajesh Kumar, Syed Anees Ur Rahman, "Numerical analysis of porous beam with non-uniform symmetric porosity distribution for non-linear bending subjected to non-uniform loading", 2nd International conference on Developments in Sustainable Materials, Infrastructure, Manufacturing and Energy Engineering (ICDSMIME-2024) held during 13-14 December, 2024 at Chaitanya Bharathi Institute of Technology, Hyderabad, India.
22. T.Naresh, N.R. Dakshina Murthy, Mainak Mallik, Ankur C.Bhogayata, and Ravi Modi, "Evaluating Fresh and Strength Properties of GGBFS, Fly Ash, and RHA-Based Self-Compacting Geopolymer Concrete Activated by a Single Activator Solution", 2nd International conference on Developments in Sustainable Materials, Infrastructure, Manufacturing and Energy Engineering (ICDSMIME-2024) held during 13-14 December, 2024 at Chaitanya Bharathi Institute of Technology, Hyderabad, India.
23. Vishal Singh¹, Syed Anees Ur Rahman², N. R. Dakshina Murthy³, Rajesh Kumar⁴, T. Naresh⁵, S. W. M. Quadri. "Finite Element Based Non-Linear Bending Analysis Of Sandwich Plate With Non-Uniform Symmetric Porous Core Subjected To Non-Uniform Transverse Loading". **ISBN:978-93-341-8219-4**. *Proceedings of 4th International Conference on Innovative Trends in Engineering for Sustainability (Book of Abstracts - ICITES 2025)***Paper ID: 105**

National Conferences

1. N R Dakshina Murthy, M V S Rao, B Ravindra Kumar "High performance concrete using Rice Husk Ash as an admixture", National Seminar at Chennai May, 1998 L&T Sponsored.
2. Ratish P, N R Dakshina Murthy, Jamkar SS, N Arora, "Non-Destructive Techniques for Quality control and Assurance." National conference on Advances in construction materials, AICM-2002, April-



2002, NIT, Hamirpur.

- 3. D Hari Krishna , N R Dakshina Murthy, "Strength properties of high volume fly ash concrete." National conference on developments in engineering and technology. DIET 2003. March 2003, Kakatiya Institute of Technology- & Science, Warangal.
- 4. N R Dakshina Murthy, V R K Narshimha Raju "Studies on workability properties of fly ash concretes." National conference on "Recent Advances in Civil Engineering (RACE) 2003" at Dec. 2003, KITS, Warangal.
- 5. TD Guneshwar Rao, N R Dakshina Murthy, "Effect of curing Conditions on Mechanical properties of fly ash concretes", National conference on "Materials and Structures (MAST) 2004, Jan. 2004 at NIT, Warangal.
- 6. TD Guneshwar Rao, N R Dakshina Murthy, "Reliability studies on axially loaded short columns", National conference on "Materials and Structures". MAST-2004, Jan. 2004 at NIT, Warangal.
- 7. N R Dakshina Murthy, D Rama Seshu, M V S Rao, "Compressive strength of high volume fly concretes of different grades", National work shop on "Advances in materials and mechanics of concrete structures", July 2nd & 3rd 2004, IIT Chennai, pp 11-15
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1. Invited as Session Speaker for International Conference on Composite Materials Forum (CMF-2021) (As a parallel forum of Nano S&T-2021) , which is going to be held during May 19-21, 2021 (next year) in Osaka, Japan.
2. Chaired Session at International Conference on Emerging Trends in Engineering (ICETE) organized in India during 22-23 March 2019 at University College of Engineering (Autonomous) , Osmania University, Hyderabad, India.
3. Visiting faculty at College Of Engineering Kakatiya University 2013-14.
4. Visiting faculty at College Of Engineering JNTU Manthani 2012-13.
5. Panel Examiner for Ph.D Scholars JNTU Hyd
6. Panel Examiner for M.Tech JNTU Hyd
7. Panel Examiner for M.Tech Osmania University
8. Panel Examiner for M.Tech Kakatiya University

