



ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY(A) (An AUTONOMOUS Institution)

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International Journals (With Impact Factor)

1. Haytham F. Isleem, **Naga Dheeraj Kumar Reddy Chukka**, Alireza Bahrami,. Nonlinear finite element and machine learning modeling of tubed reinforced concrete columns under eccentric axial compression loading, *Alexandria Engineering Journal*, Volume 92, (2024), 380-416.

<https://doi.org/10.1016/j.aej.2024.02.026>

SCIE IF: 6.8, Q1, H-index: 81

International Journals (WOS-ESCI)

1. Isleem, Haytham F., **Chukka, Naga Dheeraj Kumar Reddy**, Bahrami, Alireza, Oyeibisi, Solomon, Kumar, Rakesh, Qiong, Tang “Nonlinear finite element and analytical modelling of reinforced concrete filled steel tube columns under axial compression loading” Results in Engineering Open Access, Volume 19 September 2023 , ISSN 25901230 DOI 10.1016/j.rineng.2023.101341

SCIE IF: 5, Q1, H-index: 24

International Journals (Scopus)

1. Thenmozhi1, Batchu Ramanjaneyulu, **Naga Dheeraj Kumar Reddy Chukka**, Sayali S.Chavan4, Chintala Siddartha, Swapnil Balkrishna Gorade “Artificial Intelligence and Machine Learning Techniques to Predict the Compressive Strength of Concrete at High Temperature” Journal of Harbin Engineering University, Vol. 44 No. 8 (2023): Issue 8 ISSN-1006-7043. Q4

<https://harbinengineeringjournal.com/index.php/journal/article/view/1062#:~:text=This%20study%20uses%2007%20data,navigator%20programme%20and%20Python%20code.>

2. Onyelowe, Kennedy C., **Gnananandarao, Tamminennic**, Jagan J., Ahmad, Jawad, Ebid, Ahmed M., Innovative predictive model for flexural strength of recycled aggregate concrete from multiple datasets, *Asian Journal of Civil Engineering*, Volume 24, Issue 5, Pages 1143 – 1152, July 2023. ISSN 15630854, DOI-10.1007/s42107-022-00558-1 Q3 [HINDEX-25, SJR-0.39]

[https://www.scopus.com/record/display.uri?eid=2-s2.0-](https://www.scopus.com/record/display.uri?eid=2-s2.0-85145103755&origin=resultslist&sort=plf-)

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[f&src=s&nlo=&nlr=&nls=&sid=5a0c66b537f6ed4efb5ef1ba01964440&sot=aff&sdt=sisr&sl=62&s=AF-](https://www.scopus.com/record/display.uri?eid=2-s2.0-85145103755&origin=resultslist&sort=plf-f&src=s&nlo=&nlr=&nls=&sid=5a0c66b537f6ed4efb5ef1ba01964440&sot=aff&sdt=sisr&sl=62&s=AF-)

[ID%28%22Aditya+College+of+Engineering+and+Technology%22+60253272%29&ref=%28JOURNAL+OF+SOFT+COMPUTING+IN+CIVIL+ENGINEERING%29&relpos=0&citeCnt=0&searchTerm=](https://www.scopus.com/record/display.uri?eid=2-s2.0-85145103755&origin=resultslist&sort=plf-f&src=s&nlo=&nlr=&nls=&sid=5a0c66b537f6ed4efb5ef1ba01964440&sot=aff&sdt=sisr&sl=62&s=AF-ID%28%22Aditya+College+of+Engineering+and+Technology%22+60253272%29&ref=%28JOURNAL+OF+SOFT+COMPUTING+IN+CIVIL+ENGINEERING%29&relpos=0&citeCnt=0&searchTerm=)

<https://link.springer.com/article/10.1007/s42107-022-00558-1>

3. **Gnananandarao, T.**, Panwar, V., Onyelowe, K., & Naik, S. V. (2024). Forecasting Bearing Capacity, Error Analyses and Parametric Analysis of Circular Footing Seating on the Limited Thick Sand-Layer with Eccentric-Inclined Load. Civil Engineering Infrastructures Journal, (), -. doi: 10.22059/cej.2024.365671.1966.

https://cej.ut.ac.ir/article_95935.html

4. Jagadeesh Kasi, Amol V. Ghogare, **George Fernandez Raj A.**, Mohammad Parvej Alam, Karpagam Velmurugan, Ravi Goutam, “Evaluation of Physical Salt Attack on Mechanical Properties of Spun Concrete” Journal of Harbin Engineering University , Vol. 44 No. 8 (2023): Issue 8 , ISSN-1006-7043. Q4

<https://harbinengineeringjournal.com/index.php/journal/article/view/947>

5. Thenmozhi, **S.Sivacharan**, Md.Siraj Ahmed, Syed Mahmood Mohiuddin Sarmast, Mohd Muqem, Mohd Nazeeruddin “Development of Portland Cement Mortars Reinforced with Hybrid Blends of Recycled Waste Fibers” Journal of Harbin Engineering University, Vol. 44 No. 8 (2023): Issue 8, ISSN-1006-7043. Q4

<https://harbinengineeringjournal.com/index.php/journal/article/view/1063>