



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

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Book Chapters

- [1]. **T. Gnananandarao**, K. C. Onyelowe, R. K. Dutta, A. M. Ebid “Sensitivity analysis and estimation of improved unsaturated soil plasticity index using SVM, M5P, and random forest regression” Artificial Intelligence and Machine Learning in Smart City Planning © 2023. ISBN 978-0-323-99503-0, <https://doi.org/10.1016/B978-0-323-99503-0.00002-8>

- [2]. **T. Gnananandarao**, K. C. Onyelowe, K.S.R. Murthy “Experience in using sensitivity analysis and ANN for predicting the reinforced stone columns’ bearing capacity sited in soft clays” Artificial Intelligence and Machine Learning in Smart City Planning © 2023. ISBN 978-0-323-99503-0, <https://doi.org/10.1016/B978-0-323-99503-0.00002-8>

- [3]. **T. Gnananandarao**, V. N. Khatri, K. C. Onyelowe, A. M. Ebid “Implementing an ANN model and relative importance for predicting the under drained shear strength of fine-grained soil” Artificial Intelligence and Machine Learning in Smart City Planning © 2023. ISBN 978-0-323-99503-0, <https://doi.org/10.1016/B978-0-323-99503-0.00002-8>