

REFERENCES

- Abouelezz, A. Y., and Dep, C. E. (2013). Effect of Openings on The Statical Behaviour of Reinforced High Strength Concrete L- Beams M . Sc . Student , Civil Eng . Dep , Minia University , Minia , Egypt 2- REVIEW OF PREVIOUS WORK, 41(1).
- Ali, A. H. (2016). The Effect of Reinforcing Arrangement on The Behavior of Reinforced Concrete Flanged Deep Beams With Web Openings, (Hawy 2005), 123–128.
- Amin, H. M., Agarwal, V. C., and Aziz, O. Q. (2013). Effect of Opening Size and Location on the Shear Strength Behavior of R . C Deep Beams without Web Reinforcement Continuous Deep Beams to evaluate the Shear Strength without Web Reinforcement. *International Journal of Innovative Technology and Exploring Engineering (IJITEE)*, 3(7), 2278–3075.
- Arabzadeh, A., Aghayari, R., and Rahai, A. R. (2011). International Journal of Civil Engineering Investigation of experimental and analytical shear strength of reinforced concrete deep beams, 9(3).
- Badiger, N. S., and Malipatil, K. M. (2014). Parametric Study on Reinforced Concrete Beam using ANSYS. *Civil and Environment Research*, 6(8), 88–95.
- Campione, G., and Minafò, G. (2012). Behaviour of concrete deep beams with openings and low shear span-to-depth ratio. *Engineering Structures*, 41, 294–306.
- Chin, S. C., Shafiq, N., Kusbiantoro, A., and Nuruddin, M. F. (2014). Reinforced Concrete Deep Beams with Openings Strengthened Using FRP – A Review. *Advanced Materials Research*.
- El-Demerdash, W. E., El-Metwally, S. E., El-Zoughiby, M. E., and Ghaleb, A. A. (2014). Strut-and-Tie Model and 3-D Nonlinear Finite Element Analysis for the Prediction of the Behavior of Rc Fshallow and Deep Beams With Openings. *Engineering Research Journal*, 141(March), 50–70.
- Guan, H. (2005). Effect of Sizes and Positions of Web Openings on Strut-and-Tie Models of Deep Beams. *Advances in Structural Engineering*, 8(1), 69–84.
- Ha, S. T. (2002). Design of concrete deep beams with openings and carbon fiber laminate repair. *Master's Theses*. Paper 2316
- Mansur, M. A. (2006). Design of Reinforced Concrete Beams with Web Openings.

Proceedings of the 6th Asia-Pacific Structural Engineering and Construction Conference, (September), 5–6.

- Martin, B., and Sanders, D. (2007). Verification and implementation of strut-and-tie model in LRFD bridge design specifications. *American Association of State Highway and Transportation Officials (AASHTO)*, (Highway Subcommittee on Bridge and Structures), 276.
- Mohamed, A. R., Shoukry, M. S., and Saeed, J. M. (2014). Prediction of the behavior of reinforced concrete deep beams with web openings using the finite element method. *Alexandria Engineering Journal*, 53(2), 329–339.
- Mohammad, K. I. (2007). Prediction Of Behaviour Of Reinforced Concrete Deep Beams With Web Openings Using Finite Elements. *Rafidain Engineering*, 1–12.
- Nishitha Nair, Kavitha P. E. , and Student, M. Tech (2015). Effect of Openings in Deep Beams Using Strut and Tie Model Method, 3(5), 59–62.
- Noh, S.-Y., Lee, C.-Y., and Lee, K.-M. (2006). Deep Beam Design Using Strut-Tie Model, 673–678.
- Patil, S. S., and Niranjana, B. R. (2013). Analysis and Design of R . C . Deep Beams by Finite Strip Method and Comparison of Theoretical Results with Experimental Results, 2(1), 1–8.
- Saleem, K., and Razzaq, A. (2016). Parameters Affecting Load Capacity of Reinforced Self-Compacted Concrete Deep Beams, 5(5), 225–233.
- S. C. Chin and S. I Doh (2015). Behaviour Of Reinforced Concrete Deep Beams With Openings In The Shear Zones. *Journal of Engineering and Technology*. (2015), 6(1), 111–120.
- Sharma, S. K., and Ali, M. S. M. (2008). Investigation of critical diagonal crack debonding in plated RC beams, 39, 570–584.
- Soo Yeon Seo, Seung Joe Yoon and Woo Jin Lee. (2014). Conference, W., & Engineering, E. 13 th World Conference on Earthquake Engineering Structural Behavior of R / C Deep Beam With Headed, (58).
- Tanaka, Y., Shimomura, T., and Watanabe, M. (2010). Role Of Diagonal Tension Crack In Size Effect Of Shear Strength Of Deep Beams, (1).