

## **Publications**

- **Devi, V. Subathra**, and B. K. Gnanavel. " Experimental Investigation on the mechanical properties of steel slag ceramic concrete." International journal of chem tech research 8, no. 8(2015): 152-160.
- **Devi, V. Subathra**, B. K. Gnanavel, P. Murthi, and M. Madhanagopal. "Investigation of novel sustainable concrete using optimization technique." *Adv. Mater. Proc.* 22 (2017): 86-92.
- **Devi, V. Subathra**, and B. K. Gnanavel. "Experimental analyzing the suitability of waste materials in sustainable concrete construction." International journal of Innovative Research in science Engineering and Technology 6, no.2 (2017): 1831-1839.
- **Devi, V. Subathra**. "Self-Healing Properties of Steel Slag Bio Concrete." In International Conference for Phoenixes on Emerging Current Trends in Engineering and Management (PECTEAM 2018). Atlantis Press, 2018.
- **Devi, V. Subathra**, Thippu Thileban S ,Yuvaraj S. " Investigation on the strength and durability properties of concrete with GGBS and silica fume." International journal of Emerging Technology and advanced engineering chem tech research, no. 8(2018): 107-111.
- **Devi, V. Subathra**. "Durability properties of multiple blended concrete." *Construction and Building Materials* 179 (2018): 649-660.
- **Devi, V. Subathra**, M. Madhan Kumar, N. Iswarya, and B. K. Gnanavel. "Durability of Steel Slag Concrete under Various Exposure Conditions." *Materials Today: Proceedings* 22 (2020): 2764-2771.
- Kumar, M. Madhan, D. Vijaya Ganapathy, **V. Subathra Devi**, and N. Iswarya. "Experimental Investigation on Fibre Reinforced Bacterial Concrete." *Materials Today: Proceedings* 22 (2020): 2779-2790.
- Iswarya, N.R.Adalarasan, **V.Subathra Devi** and M.Madhan kumar "Experimental investigation on strength and durability of light weight bacterial concrete." *Materials Today: Proceedings* 22 (2020): 2808-2813.