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PUBLICATIONS:

1. **Piyush Chaunsali** and S. Vaishnav Kumar (2020), "Calcium Sulfoaluminate-Belite Cements: Opportunities and Challenges", The Indian Concrete Journal, Vol.94,No.2,pp. 18-25.
2. Hugo Uvegi, **Piyush Chaunsali**, Brian Traynor and Elsa Olivetti (2019), "Reactivity of industrial wastes as measured through ICP -OES: A case study on siliceous Indian biomass ash", Journal of the American Ceramic Society. Vol.102, No.12.
3. **Piyush Chaunsali**, Hugo Uvegi, Brian Traynor and Elsa Olivetti (2019), "Leaching Characteristics of Biomass Ash-Based Binder in Neutral and Acidic Media", Cement and Concrete Composites, Vol.100, PP. 92-98.
4. **Piyush Chaunsali**, Hugo Uvegi, Rachel Osmundsen, Michael Laracy, Thomas Poinot, John Ochsendorf and Elsa Olivetti (2018), "Mineralogical and microstructural characterization of biomass ash binder", Cement and Concrete Composites, Vol.89, pp. 41-51.
5. **P Chaunsali**, A Ardeshirilajimi, P Mondal (2018), "On the interaction of Class C fly ash with Portland cement-calcium sulfoaluminate cement binder", Materials and Structures, Vol.51, No.131, pp.1-9.
6. Ardavan Ardeshirilajimi, Di Wu, **Piyush Chaunsali** and Paramita Mondal (2017), "Effects of Presoaked Lightweight Aggregate on Deformation Properties of Ordinary Portland CementCalcium Sulfoaluminate Cement Blends", ACI Materials Journal, Vol.114, No.4, pp.643-652.
7. **Piyush Chaunsali** and Paramita Mondal (2016), "Physico-chemical interaction between mineral admixtures and OPC-calcium sulfoaluminate (CSA) cements and its influence on early-age expansion", Cement and Concrete Research, Vol.80, pp. 10-20.
8. **Piyush Chaunsali** and Paramita Mondal (2016), "Hydration and early-age expansion of calcium sulfoaluminate cement-based binders: experiments and

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9. **Piyush Chaunsali**, Paramita Mondal (2015), “Influence of Calcium Sulfoaluminate (CSA) Cement Content on Expansion and Hydration Behavior of Various Ordinary Portland Cement-CSA Blends”, Journal of the American Ceramic Society, Vol.98, No.8, pp. 2617-2624.
10. **Piyush Chaunsali** and Paramita Mondal (2015), “Influence of Mineral Admixtures on Early-Age Behavior of Calcium Sulfoaluminate Cement”, ACI Materials Journal, Vol.112, No.1, pp. 59-68.