

## PUBLICATIONS:

### INTERNATIONAL PUBLISHED

1. Niragi Dave (2012), "**Experimental Evaluation of Low Calcium Fly Ash Based Geopolymer Concrete**", International Journal of Engineering Science and Technology, Issue 12, Vol. 4 (December 2012)ISSN:0975-5462,pp-4804-4808
2. Niragi Dave (2013), "**Effect of Sulphate Attack on Properties of Concrete – A Review**" International Journal of Emerging Trends in Engineering and Development, Issue 3, Vol.1 (January 2013) ISSN 2249-6149, pp- 304 - 310.
3. Niragi Dave, (2013)," **Utilization of Industrial Byproduct as raw Material in construction Industry - A Review**" International Journal of Engineering science and Technology, Issue 2, Vol.5, (March 2013) ISSN 0975-5462, pp-242-246.
4. Anil Misra & Niragi Dave, (2013) "**Impact of soil salinity and erosion and its overall impact on India**" international journal of innovative research in engineering and science, Issue 2, Vol. 3, (March 2013) ISSN 2319-5665, pp- 12-17.
5. Niragi Dave (2013), "**Seismic Behaviour and Retrofitting of R.C.C. and Masonry Structures Using new Advanced Technology – A Review**" International Journal of Advances in Science and Technology, Issue 5, Vol. 5 (June 2013) ISSN 2229-5216. Pp-33-35.
6. Niragi Dave and Vaishali Sahu (2013). "**Approches towards industrial by-products utilization: A review towards environmentally safe future**", International Journal of Innovative Research in Science, Engineering and Technology, Vol. 2, Issue 7, pp 2847-2855.

### NATIONAL PUBLISHED

#### Papers presented in International Symposium/Conferences

1. Niragi Dave (2013), "**Strength Characteristics of Geopolymer Concrete**" published paper in International Conference iSPACE-2013, ITM University, Gurgaon, Haryana. pp- 5-9.
2. Niragi Dave (2011), "**Sulphate Resistance of Concrete and Effect of Sulphate Attack**" published paper in International Conference on current trends in technology, NUICONE, Nirma University, Ahmedabad. pp- 1-5.
- 3.

## Paper presented in National conference

1. Niragi (2011). ***“Seismic behaviour and retrofitting of R.C.C. and masonry structure using New Advanced Technology”*** National Conference on Advancement in Convergence of Technology Amity University, pp - 419-422
2. Niragi (2012). ***“Fly Ash Based Geopolymer Concrete”*** National Conference on Latest Developments in Pollution Control and Prevention Techniques, NITTTR, Chandigarh, pp-155-160
3. Short term training programme attended on ***“Emerging Trends in Earthquake Resistant Design and Construction of Structures” May 25-29, 2009, Nirma University, Ahmedabad, Gujarat***
4. ***Attended International Conference on Indian Geotechnical Conference held at IIT Delhi, December - 2012***

PAPERS ACCEPTED NIL

WORKING PAPERS - writing paper on my research progress. ( Under Process)

## PROFESSIONAL AFFILIATIONS:

- Life Member, Indian Concrete Journal
- Life Member, Indian Earthquake Society

AWARDS: NIL

## THESIS GUIDED:

**M.Tech:** one M.tech. Student is working under me on **Geopolymer Concrete**

## RESEARCH ACTIVITIES

- Guided more than fifteen B.Tech. Students for their major project.

## **Courses Taught:**

### **Undergraduate Level/PG Level**

- Mechanics of Solids
- Applied Mechanics
- Building Construction
- Building Material
- Structural Analysis I & II
- Concrete Technology
- Design of Steel Structures
- Reinforced Concrete Structures
- Bridge Engineering
- Advanced Concrete Technology
- Structural Analysis Laboratory
- Building Material Laboratory
- Geotechnical laboratory