

Faculty Name: Ravindra N Patil

Designation: Assistant Professor

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**BIO**

I **Ravindra Narendra Patil** am working as an Assistant Professor in the Civil Engineering department of SIEM, Nasik, India. I got my Masters in Structural Engineering. My research interest is in Structural Engineering and Concrete Technology. This includes Analyzing Structural behavior of bridges and finding eco friendly structural grade concrete. My research has been disseminated in several internationally reputed journals and conferences. I have supervised many undergraduate students and served as reviewer for many reputed journals.

Qualification:

1. BE (Civil Engineering)
2. M.E(Structural Engineering)

Paper Publications details:

1. International Journal: 13
2. International Conference: 04
3. Book Chapter: 00
4. Article: 06

Area Research Work:

1. Development of concrete with partial replacement of fine aggregate by waste foundry sand,
2. Cement Concrete Properties Incorporating Waste Foundry Sand,
3. Eco. Friendly Flexible Pavement,
4. Mechanical Properties Of Concrete Incorporating Recycled Aggregate and Glass Aggregate,

5. Use of Steel Slag To Increase Bearing Capacity of Soil In Road Construction,
6. Center Pivot System Of Irrigation,
7. Bridge Load Testing as Per IRC SP 51

Experience:

1. Teaching experience : 09 Years
2. Industry experience : 00 Years

Subjects:

1. Concrete Technology
2. Structural Analysis-I
3. Structural Design-III
4. Fluid Mechanics
5. Fluid Mechanics-I
6. Fluid Mechanics-II
7. Earthquake Engineering
8. Engineering Mechanics
9. System Approach