Abstract

Retrofitting of reinforced concrete member in earthquake zone area is a major problem. It is necessary to improve not only strength but improve the ductility. Now a day to improve the
such properties of concrete we can use glass fiber reinforced polymers. The glass fiber reinforced polymer wrapping was done using ACI 440.2R.08 provisions. The GFRP layers provides on outside of specimens. All the test specimen were loaded to fail in axial compression & strain of the columns. It can be used in various types of columns specimens like circular, rectangular or square.

References

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- G. L. Rai, Different Strengthening Techniques RC columns

Index Terms

Computer Science

Applied Sciences

Keywords

Glassfiber Compressive Strength Axial Strain rccolumn shape.