

## **FIBER BRAGG GRATING SENSORS: NEW IDEAS ON STRAIN-TEMPERATURE DISCRIMINATION**

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*Abstract- - In this paper, two novel methods are discussed, wherein Fiber Bragg Gratings are used as sensors to discriminate strain and temperature, simultaneously. These methods provide a good linear response and involve simple fabrication & implementation of the sensors.*

**Index terms:** Fiber Bragg grating sensors, strain sensor, temperature sensor, strain and temperature discrimination.