



**BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH**  
**BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY**  
**CHENNAI- 600073, TAMILNADU, INDIA**  
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**BONAFIDE CERTIFICATE**

Certified that this project report titled "AUTOMATIC RAILWAY TRACK CRACK DETECTION" is the bonafide work of U16EE017 - NAYAN RAJ who carried out the project work under my supervision.


  
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**INTERNAL EXAMINER**

  
**EXTERNAL EXAMINER**