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# Abstract Details

**Title:** Review On Recent Developments In Non-Destructive Testing Techniques For Engineering Applications

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**Abstract**: And Technologies And Materials Demands Advanced Non-Destructive Testing Methods For Quality And Inspection Of Materials For Internal Flaws, Particularly When Critical Safety Is Needed For Certain Applications. The Recent Developments In Ndt Providesystem Engineers With Challenging Opportunities For Bettersolutions For Ndt. Thisstudyprovides Information About Non-Destructive Testing Techniques For Various Engineering Applications. This Review Covers The Capabilities Of Most Common Techniques In Ndt Applications Such As Visual Inspection, Ultrasonic Testing, Thermography, Radiographic Testing, Electromagnetic Testing, Acoustic Emission, And Shearographytesting. The Suitability Of Each Method Is Decided Based On Advantages And Disadvantages Of Different Techniques.Application Areas Covered By Non-Destructive Testing Arevarious Power Plants, Nuclear Industries, Aircraft Industries, Military And Defense Industries, Inspection Of Storage Tank, Etc. This Paper Is Mainly Focused On The Scope Of Ndt Application For Engineering Applications.

**Keywords:** Ndt, Radiographic Testing, Shearography Testing, Composites