

A view to remember

Class Work starts on 13-06-2017 for 2nd, 3rd, final years



Civil Info

Civil Engineering NEWS Letter Apr-May



Editorial & Design Team:

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*If you are not
tired you are not
doing it right*

*Sometimes you
need to step
outside, get some
air and remained
yourself of who
you are and where
you want to be...*

A noninvasive ‘spectral fingerprint’ technique using terahertz waves has been developed that reveals the corrosion of concrete-encased steel before it can cause any significant degradation of the structure it supports.

When water and oxygen corrode iron, different iron oxide products are produced, with the most common being goethite and hematite. Terahertz radiation – electromagnetic waves with frequencies 10 to 100 times higher than the microwaves used to cook food-can detect both corrosion products in the early stages of formation.

With current advances in terahertz sources and detectors, the new NIST non-destructive evaluation technique has the potential to rapidly detect tiny amounts of iron-bearing oxides from early-stage corrosion of steel surrounded by concrete, polymer composites (such as pipe insulation in a factory), paints and other protective materials.

Source: National Institute of Standards and Technology (NIST)

Campus Placements of the Department:

The final year students have been selected in KMV Project, for academic year 2016-2017. The selected students are:



Atluri
Raghavendra



Surapaneni
Vasista



J.U.V. Bhaskarao



L. Balaji Naik



M. Sai Lakshmi
Kanth



Mohammad
Habeeb



G. Ganti Praveen
Kumar



M. Bala Krishna
Reddy

Dhanekula Institute of Engineering and Technology

FDP on Research Funding Opportunities:

Research funding opportunities workshop conducted on 20th may Saturday. The workshop conducted by research development team in Dhanekula Institute of Engineering and Technology. Key note speaker Dr. Y. Obelish garu professor VIT University.



Dhanekula Institute of Engineering and Technology

