

**R&D Activities of Thermal Design and Infrared Laboratory, Kongju
National University, Korea**

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Abstract:

The Kongju National University's Thermal design and infrared laboratory (TDIL) under the direction of Prof. Wontae Kim, is dedicated to the development of various measurement technologies utilizing highly precise infrared thermography (IRT) as one effort to establish efficient diagnostic technologies. TDIL conduct collaborative research across a broad spectrum of disciplines to carry out nondestructive testing and evaluation of industrial components which helps in promoting cutting edge technologies in the field of thermal wave imaging. TDIL involved in several projects with National Research Foundation of Korea (NRF); Korean Government of Ministry of Education, Science and Technology; Radiation Technology Development Program; Ministry of Science, ICT & Future planning; and conduct research and consultancy for various international, national and local government and industry organizations.