



## D. Kesavan

Ph D University: IIT Madras  
Assistant Professor, Mechanical Engineering  
kesavan@iitpkd.ac.in, 04923 226 437  
<https://iitpkd.ac.in/people/kesavan>

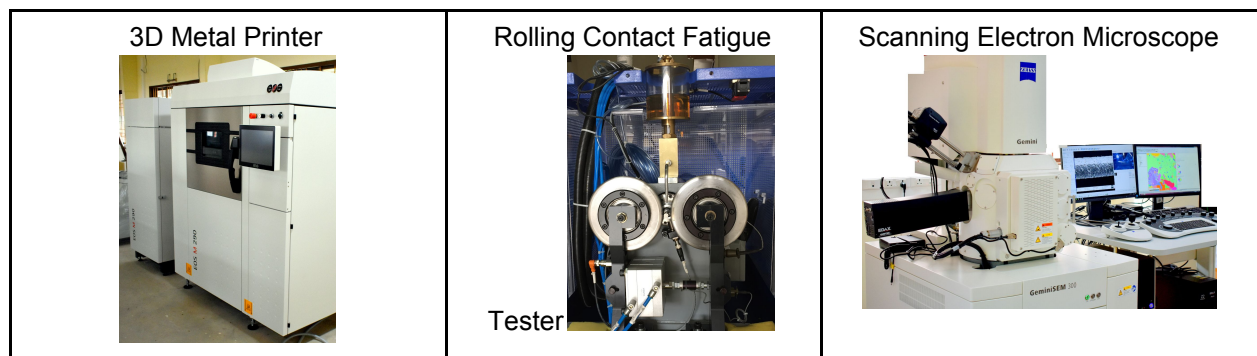


### Research Interests

- Additive Manufacturing
- Tribology
- Welding & Surface Engineering

### Brief Summary of Research

I have a general interest in understanding the structure, property, process, performance relationships of engineering materials, focused to connect fundamental research work to industrial requirements with specific expertise in Surface Engineering, Welding Technology, Industrial Tribology and Additive Manufacturing.



Projects: Nil

### Recent Publications

- V Done, D Kesavan, M Huffman, D Nelias; Accelerated Fretting Wear Tests for Contacts Exposed to Atmosphere; Tribology Letters 65 (4), 153, 2017
- V Done, D Kesavan, M Krishna R, T Chaise, D Nelias; Semi analytical fretting wear simulation including wear debris; Tribology International 109, 1-9, 2017
- D Kesavan, V Done, MR Sridhar, R Billig, D Nelias; High temperature fretting wear prediction of exhaust valve material; Tribology International 100, 280-286, 2016