



सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत (गुजरात, भारत)  
SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT (GUJARAT, INDIA)

*Upon recommendation of the Senate*

*hereby confers the degree of*

**Doctor of Philosophy**

*in Mechanical Engineering*

*on*

**KHUBI LAL KHATRI**

*who has fulfilled the requirements for the degree as  
prescribed under the regulations and has successfully defended in*

*September 2019, the thesis entitled:*

**Stochastic XFEM based Fracture Behavior and Crack Growth Analysis of  
Isotropic Cracked Plates with Holes under Various In-Plane Loadings**

*Given this day, under the seal of the Institute at Surat*

*in the Republic of India,*

*the Eighteenth of December, 2020.*



Registrar

Chairman,  
Senate & Board of Governors

*K. Khatri*  
*04-02-2021*

