

# National Institute of Technology Warangal

upon the recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

III

JAYANT CHANDRAKANT BURSE

who has successfully completed the prescribed requirements for the award of the degree  
in the Department of Metallurgical & Materials Engineering

Given under the seal of the Institute at Warangal in the Republic of India  
on the Twenty Third Day of April Two Thousand Nine.



  
Chairman  
Senate & Board of Governors

  
PRINCIPAL  
Dr. Vittal Rao Vikhe Patil  
College of Engineering  
Aurangabad