



**National Institute of Technology  
Tiruchirappalli**

*hereby confers the degree of*

*Doctor of Philosophy*

*of the institute*

*on*

**RINU SATHYAN**

*for successfully completing the prescribed programme  
of study and presenting the thesis entitled*

**An Integrated Decision Making and Predictive Analytics Approach for  
Managing the Responsiveness of Indian Automotive Supply Chain**



*Given this day the Twenty-Eight of July 2023*

*Under the seal of the Institute*



TIRUCHIRAPPALLI - 620 015, INDIA



*N. Murali*  
Registrar

*[Signature]*  
Director

*[Signature]*  
Chairperson  
Board of Governors