



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ROY J ZACHARIAH**

for successfully completing the course

## Introduction to Machining and Machining Fluids

with a consolidated score of **63** %

Online Assignments	19.04/25	Proctored Exam	43.5/75
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Total number of candidates certified in this course: **209**

*Bharath*

**Dr. Bharath Kumar**

Chairman, Centre for Continuing Education  
IIT Tirupati

**Jan-Mar 2024**

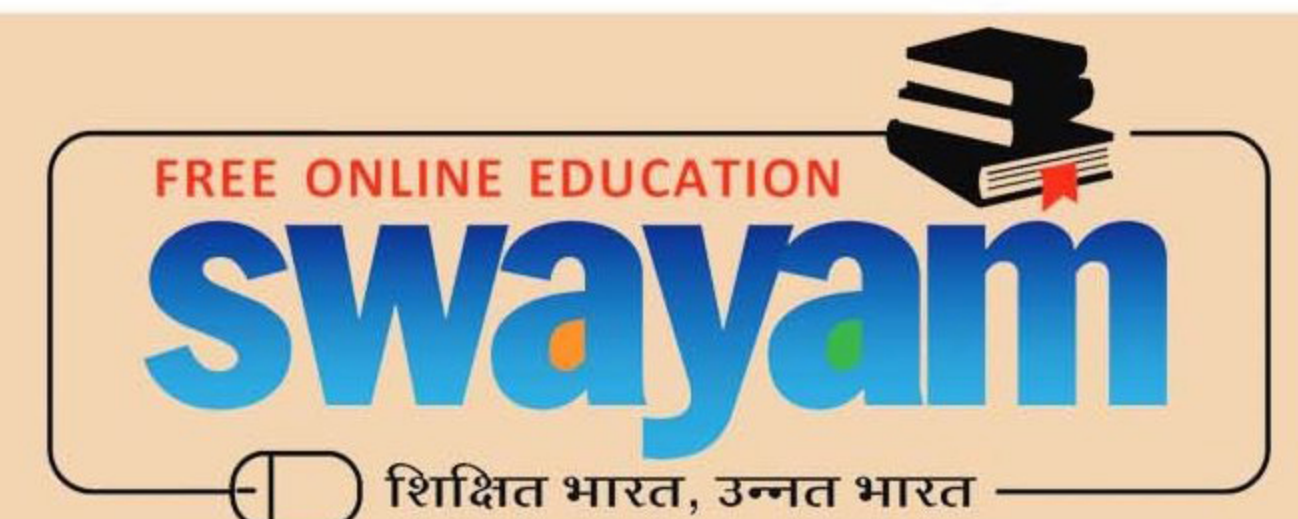
**(8 week course)**

**Prof. Andrew Thangaraj**

NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Tirupati



Roll No: NPTEL24ME41S448400487

To verify the certificate



No. of credits recommended: 2 or 3