



UNIVERSITY OF MINNESOTA  
**Driven to Discover<sup>SM</sup>**

05/22/2020

**HEMANATH ARUMUGAM**

has successfully completed

**Fundamentals of Fluid Power**

an online non-credit course authorized by University of Minnesota and offered through  
Coursera

James D. Van de Ven, Assistant Professor  
Department of Mechanical Engineering  
University of Minnesota

Professor William Durfee, PhD  
Department of Mechanical Engineering  
University of Minnesota

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/G3ZMRA7UXJP2](https://coursera.org/verify/G3ZMRA7UXJP2)  
Coursera has confirmed the identity of this individual and  
their participation in the course.