

- Blair, G. P., 1999, *Design and Simulation of Four-Stroke Engines*, Society of Automotive Engineers, Inc, Warrendale, Pa, United States of America.
- Cengel, Y.A. & Boles, M.A., 2015, *Thermodynamics: an Engineering Approach 8th Edition*.
- Han-chi, H., Huang, H.-w., & Yi-jie, B. (2012). Optimization of Intake and Exhaust System for FSAE Car Based on Orthogonal Array Testing. *International Journal of Engineering and Technology Volume 2*.
- John Shami, C. (2014). *Air Induction Design for Restricted Race Engines*. Duke: Master of Science in the Department of Mechanical Engineering and Materials Science in the Graduate School of Duke University.
- Kurniawan, A. (2016). *Simulasi Pengaruh Geometri Header Exhaust System terhadap Daya dan Torsi Mesin KTM 450 SX-F Mobil Formula SAE UGM dengan Ricardo WAVE*. Yogyakarta: Universitas Gadjah Mada.
- Ramadhan, F.A. (2016). *Simulasi Pengaruh Geometri Restrictor dan Throttle Body terhadap Daya dan Torsi Mesin KTM 450 SX-F Mobil Formula SAE UGM dengan Ricardo WAVE*. Yogyakarta: Universitas Gadjah Mada.
- Prakash, C.H., Souraf, k.k., Harshit, M., and Anand, G. (2016). *Modeling for combined effect of muffler geometry modification and blended fuel use*
- Praven, R.K., Sasikumar, M., and Dinesh, S.S., (2016). Design and Optimization of Critical Parameters of a Muffler for Noise Reduction. Tamil Nadu : Karpaga Vinayaga College of Engineering and Technology.
- Preliminary, *2017-18 Formula SAE® Rules*, Society of Automotive Engineers International, United States of America.
- Pulkrabek, W. W., 2014, *Engineering Fundamentals of the Internal Combustion Engine*, Prentice Hall, New Jersey.
- Rachmawati, V., dan Kamiran, 2015, Simulasi Perpindahan Panas pada Lapisan Tengah Pelat Menggunakan Metode Elemen Hingga, *Jurnal SAINS dan Seni ITS*, Vol. 4 (2), Jurusan Matematika, Fakultas MIPA, ITS.
- Ricardo Software, 2016, *WAVE User Manual*, Ricardo, Inc, United States of America.
- Sarwar, H. (2011). *Design And Development of a Variable Geometry Intake for a 4-Stroke 4 Cylinder Engine*. Manchester: The University of Manchester.
- Satorius, C. *Simulation of Exhaust Orifice Noise for Desinging the Exhaust System of A V6 Engine*. DaimlerChrysler AG Stuttgart, Germany.



**SIMULASI PENGARUH GEOMETRI MUFFLER EXHAUST SYSTEM TERHADAP DAYA DAN TORSI
MESIN KTM 450 SX-F MOBIL**

FORMULA SAE UGM DENGAN RICARDO WAVE

MUHAMMAD FERDIWAN HANANTO, Fauzun, S.T., M.T., Ph.D.

Universitas Gadjah Mada, 2017 | Diunduh dari <http://etd.repository.ugm.ac.id/>

on exhaust performance of a four stroke engine: A computational fluid dynamics

approach. Applied Thermal Engineering 108 (2016) 1105–1118.

Singhal, A., & Parveen, M. (2013). Air Flow Optimization via a Venturi Type Air. *World Congress on Engineering 2013 Vol III.*

W. Fox, R., T.McDonald, A., & J.Pritchard, P. (2003). *Introduction to FLUID MECHANICS.*
Hoboken: Hachette Filipacchi Media U.S.. Inc.