

In partnership with

MECHANICAL ENGINEERING & VEHICLE TECHNOLOGY DEPARTMENT

Acquisitions List

Academic Year 2017-2018

MECHANICAL ENGINEERING AND VEHICLE TECHNOLOGY & RELATED SUBJECT AREAS

1. Aird, Forbes. (2008). The race car chassis : design, structures and materials for road, drag and circle track open- and closed-wheel chassis. New York, N.Y. HPBooks. **629.228 Ai75 – 1 copy available**
2. Anderson, John D. (2012). Computational fluid dynamics: the basics with applications. India: McGraw-Hill Education (India) Private Limited. **532.05 An23 – 5 copies available**
3. Baillie, Caroline. (2004). Green composites : polymer composites and the Environment. Cambridge, England : Woodhead Pub. **620.118 B15 – 1 copy available**
4. Baker, Alan. (2004). Composite materials for aircraft structures. 2nd edition. Reston, VA : American Institute of Aeronautics and Astronautics. **629.134 C73 – 2 copies available**
5. Barbero, Ever J. (2011). Introduction to composite materials design. 2nd edition. Boca Raton, FL : CRC Press. **620.11892 B23 – 1 copy available**
6. Barnard, R.H. (2009). Road vehicle aerodynamic design : an introduction. 3rd edition. St. Albans, Hertfordshire : MechAero Pub. **629.6 B25 – 1 copy available**
7. Basu, S.K. (2014). Design of machine tools. 6th edition. New Delhi : Oxford & IBH Publishing. **621.902 B29 – 1 copy available**
8. Beer, Ferdinand P. (2015). Mechanics of materials. 7th edition. New York, NY : McGraw-Hill Education. **620.112 B39 – 1 copy available**
9. Breach, Mark. (2009). Dissertation writing for engineers and scientists. Student edition. Harlow, England ; New York : Pearson Prentice Hall. **808.0665 B74 – 5 copies available**
10. Dhillon, B.S. (2002). Engineering maintenance : a modern approach. Boca Raton, FL : CRC Press. **620.11892 D95 – 1 copy available**

11. Dvorak, George. (2013). Micromechanics of composite materials. Dordrecht : Springer. **620.11892 D95** – 1 copy available
12. Ferziger, Joel H. (2002). Computational methods for fluid dynamics. 3rd revised edition. Berlin ; New York : Springer. **620.1 F41** – 1 copy available
13. Gay, Daniel. (2015). Composite materials : design and applications. 3rd edition. Boca Raton : CRC Press, Taylor & Francis. **620.118 G25** – 1 copy available
14. Gibson, Ronald. (2012). Principles of composite material mechanics. 3rd edition. Boca Raton, Fla. : Taylor & Francis. **620.11892 G35** – 1 copy available
15. Gillespie, Thomas. (1992). Fundamentals of vehicle dynamics. Warrendale, PA : Society of Automotive Engineers. **629.2 G41** – 1 copy available
16. Gupta, V.P. (2014). Fluid Mechanics, Fluid Machines and Hydraulics. 3rd edition. New Delhi: CBS Publishers. **620.106 G95** – 1 copy available
17. Harralson, Joseph. (1995). Design of racing and high performance engines. Warrendale, PA : Society of Automotive Engineers. **629.2504 H23** – 1 copy available
18. Harrison, H.R. (1994). Principles of engineering mechanics. 2nd edition. Oxford : Butterworth Heinemann. **620.1 H24** – 5 copies available
19. Hunt, Andy. (2005). Your research project: how to manage it. London: Routledge. **808.02 91** – 5 copies available
20. Kalpakjian, Serope. (2014). Manufacturing engineering and technology. 7th edition. Singapore: Pearson Education South Asia, cop. **670.42 K12** – 2 copies available
21. Khurmi, R.S. (2016) Theory of machines. 14th edition. New Delhi : Ram NagarPub. House, **621.811 K52** – 1 copy available
22. Koenig, Daniel T. (2007). Manufacturing engineering: principles for optimization. 3rd edition. New York: ASME Press. **670.42 K81** – 2 copies available
23. Lasithan, L.G. (2014). Mechanical Vibrations and Industrial Noise Control. India: Prentice Hall. **620.1123 L33** – 1 copy available
24. Logan, Daryl L. (2012). A first course in the finite element method. 5th edition. Stamford, CT: Cengage Learning. **620.001518 L82** – 5 copies available
25. Maylor, Harvey. (2003). Project management. 3rd edition. Harlow: Pearson. **658.404 M45** – 1 copy available
26. McBeath, Simon. (2017). Competition car aerodynamics: a practical handbook. 3rd edition. Dorchester : Veloce Publishing Limited. **629.231 M12** – 2 copies available
27. McLaney, E.J. (2016). Accounting and finance: an introduction. 8th edition. Harlow, United Kingdom: Pearson Education. **657 M22** – 1 copy available
28. Meriam, J.L. (2016). Engineering mechanics : dynamics volume 2. SI version. Indian, Wiley. **620.1 M54** – 1 copy available

29. Milliken, William. (2003). Race car vehicle dynamics : problems, answers, and experiments. Warrendale, PA : SAE International.
629.231 M59 – 1 copy available
30. Ogata, Katsuhiko. (2014). System dynamics. 4th edition. India, Pearson.
620.0011 Og1 – 5 copies available
31. Ogata, Katsuhiko. (2015). Modern control engineering. 5th edition. India: Pearson
629.8 Og1 – 5 copies available
32. Pulkrabek, Willard. (2015). Engineering fundamentals of the internal combustion Engine. 2nd edition. India, Pearson. **621.43 P66 – 2 copies available**
33. Rudestam, Kjell Erik. (2015). Surviving your dissertation: a comprehensive guide to content and process. 4th edition. Thousand Oaks, California: Sage Publication
808.02 R83 – 5 copies available
34. Sivaraman, Ilango. (2017). Pneumatics and pneumatic circuits: step by step explanation for easy understanding of the concepts and pneumatic circuit building. Great Britain: Amazon. **621.5 Si93 – 2 copies available**
35. Sivaraman, Ilango. (2017). Introduction to hydraulics and pneumatics. India: PHI Learning. **621.5 Si93 – 1 copy available**
36. Stone, Richard. (2012). Introduction to internal combustion engines. 4th edition. Houndmills, Basingstoke, Hampshire ; New York, NY : Palgrave Macmillan.
621.43 St71 – 2 copies available
37. Swetnam, Derek. (2010). Writing your dissertation: the bestselling guide to planning, preparing and presenting first-class work. 3rd edition. Oxford: How to Books
808.066 Sw46 – 3 copies available
38. Versteeg, H. (2007). An introduction to computational fluid dynamics. 2nd edition. India: Pearson India Educational Services Pvt. Ltd.
620.106 V61 – 1 copy available
39. Wilton, Nick. (2013). An introduction to human resource management. 2nd edition. London: SAGE. **658.3 W71V61 – 1 copy available**
40. Wong, J.Y. (2008). Theory of ground vehicles. 4th edition. Hoboken, N.J. : Wiley.
629.23 W84 – 1 copy available

TOTAL: 40 Titles / 77 volumes

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