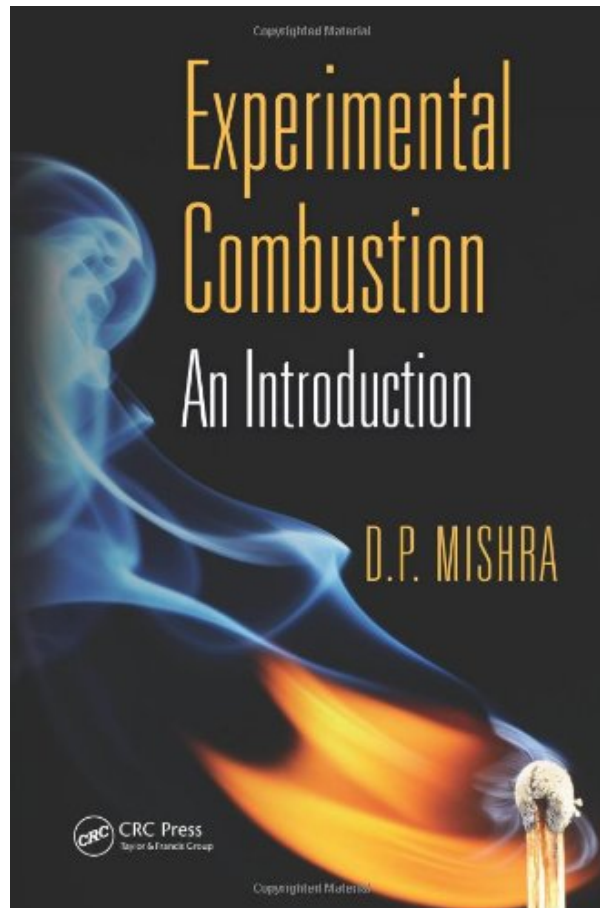
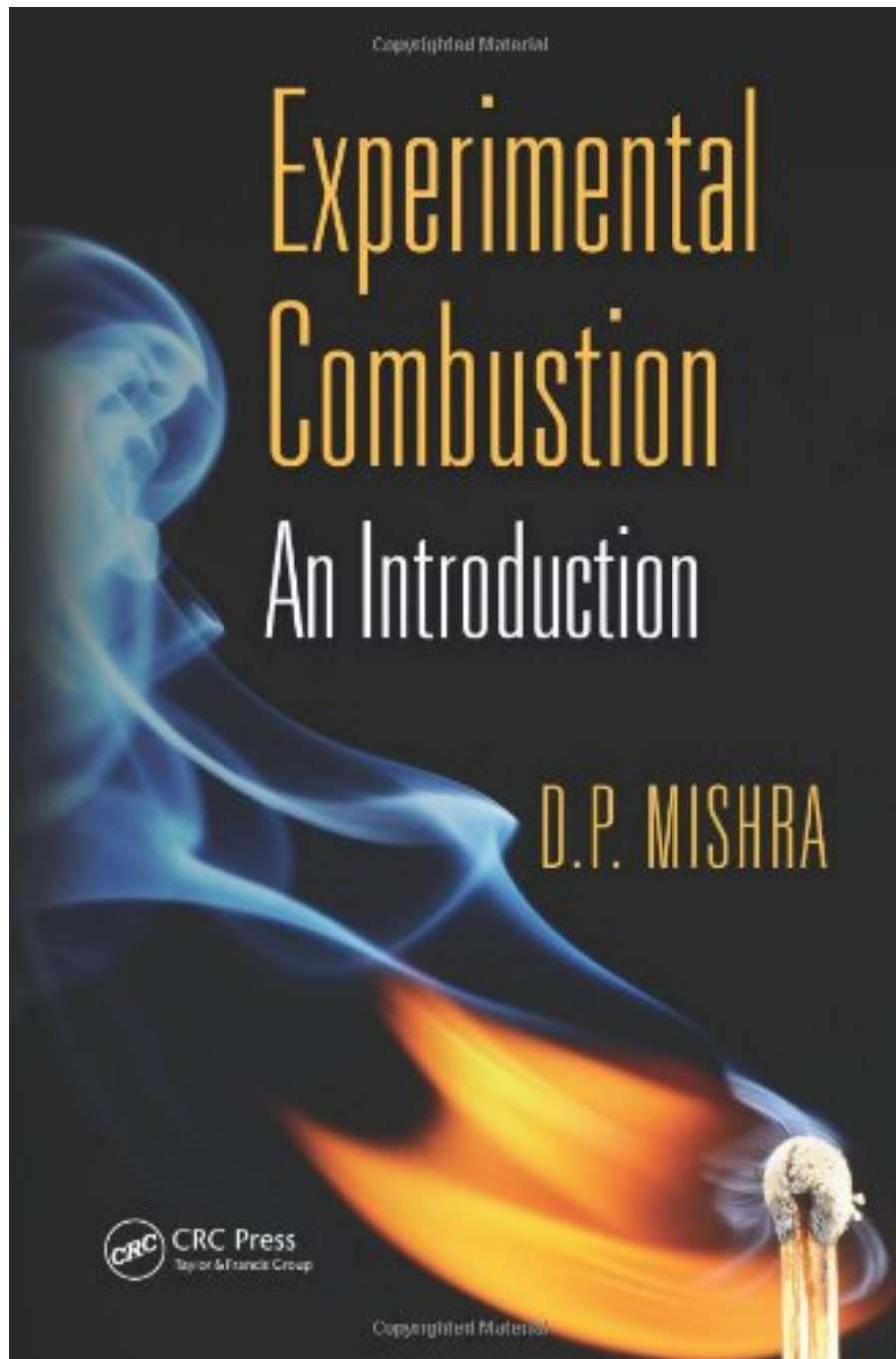


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"... other books available in this area do not cover the detailed topics covered here. Energy and combustion is a hot issue. It is expected to be even hotter with more demand in this area as we search for cleaner methods of energy conversion from chemical to thermal energy."

?Ashwani K. Gupta, Department of Mechanical Engineering, University of Maryland, College Park, USA

About the Author

Dr. D. P. Mishra is a professor in the Department of Aerospace Engineering at the Indian Institute of Technology (IIT) Kanpur, where he has been instrumental in establishing a combustion laboratory. His areas of research include combustion, computational fluid dynamics, and atomization. He is also an assistant editor for the International Journal of Hydrogen Energy, Elsevier, USA, and serves as an editorial board member for several other international journals. He has been the recipient of several awards, including the Young Scientist Award, INSA-JSPS Fellowship, Sir Rajendranath Mookerjee Memorial Award, and Samanta Chadrsekhar Award. Dr. Mishra has six Indian patents and more than 178 research papers published in referred journals and conference proceedings. He has authored two textbooks titled Fundamentals of Combustion, published by Prentice Hall of India, and Engineering Thermodynamics, published by Cengage India Pvt. Ltd., New Delhi.

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