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Mohammad Nazri Mohd. Ja'afar is a Professor at the School of Mechanical Engineering, Faculty of Engineering, Universiti Teknologi Malaysia (UTM). He obtained both his B.Sc (cum laude) in Aeronautical Engineering (1986) and M.Sc in Aerospace Engineering (1989) from Wichita State University, Wichita, Kansas, United States of America and his Ph.D. (1997) in the field of combustion from the University of Leeds, United Kingdom. He joined UTM in August of 1986 and was involved in teaching, supervision, research and consultancies in the area of fuel and combustion technology. He has extensive experience in academic administration as Dean of Transportation Research Alliance, Director of the Institute of Vehicle System and Engineering, Head of Department Aeronautical Engineering, Head of Aeronautical Laboratory, Chief Editor of Jurnal Mekanikal. At the international level, he is a member of the board of editors of several journals including the International Journal of Sustainable Aviation, Jurnal Teknologi and the member of the executive board of several conferences in the area of aerospace and area of biofuel. To date, he has published fifteen books of original works, four monographs, nine translated books and more than 250 technical papers in the indexed and non-indexed journals and proceedings.