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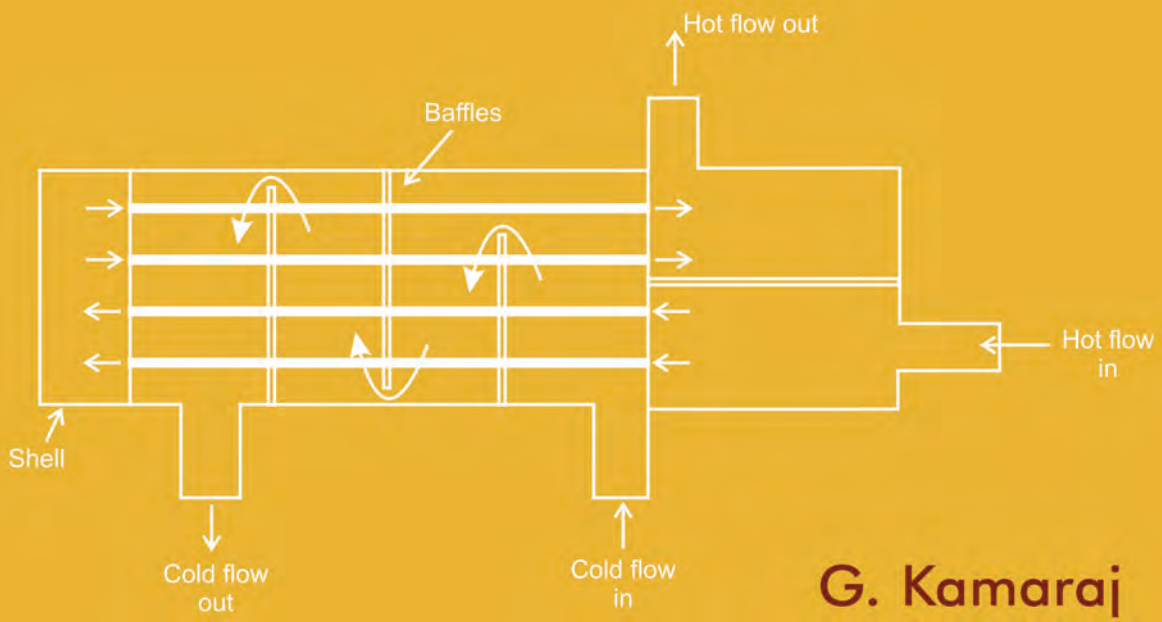

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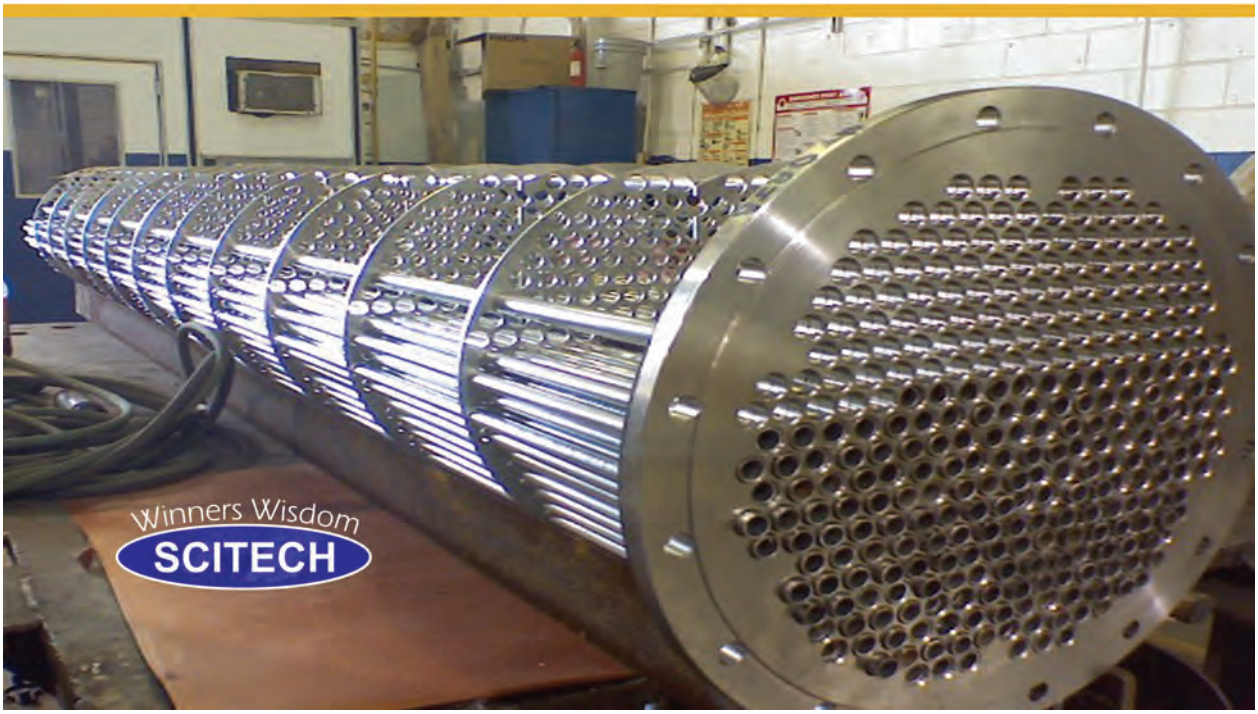

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Dr.G. Kamaraj B.E., M.Sc (Engg)., Ph.D (IITM)
Professor (Retd.)
Department of Mechanical Engineering
Annamalai University
Annamalai Nagar - 608 002

Dr. P. Raveendiran M.E., (Thermal Power)., Ph.D
Assistant Professor
Department of Mechanical Engineering
Annamalai University
Annamalai Nagar - 608 002

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This book has been prepared to meet the requirement of the undergraduate and postgraduate students of Mechanical Engineering. The book comprises of 14 chapters which cover the topics on conduction, convection, radiation and mass transfer. Number of worked out examples are included in each chapter for easy understanding of the subject. The text is supported by simple and self explanatory figures. Throughout the book S.I. Units have been followed.

Dr. G. Kamaraj, Professor (Retd.), Department of Mechanical Engineering at Annamalai University, has obtained his undergraduate and postgraduate degrees from Annamalai University and his Ph.D. in Heat transfer from Indian Institute of Technology, Chennai. He has a total experience of 41 years in teaching Heat and mass Transfer to U.G and P.G students. He also acted as Governing council member of Crescent Engineering College, Academic Council member of Anna University, Member, Board of studies and member doctoral committees of various Engineering Colleges. At present he is the governing council member of Solar Energy Society of India. He has to his credit 17 research publications at International level and 31 publications at National level.

Dr. P. Raveendiran, Assistant Professor, Department of Mechanical Engineering at Annamalai University, has obtained his undergraduate and postgraduate (Thermal Power) degree from Annamalai University . He has obtained his **Ph.D** In the field of **Heat Transfer**, particularly in **Heat Exchanger using Heat Pipes with Nanofluids** from Annamalai University. He has a total experience of 14 years in teaching **Heat and Mass Transfer, Refrigeration and Air-Conditioning Thermodynamics and other Thermal Engineering** subjects for U.G and P.G Students. He has to his credit many research publications and also attened Many conference.

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