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**DEPARTMENT OF
ELECTRONICS AND COMMUNICATION
ENGINEERING**

ACADEMIC YEAR (2017-2018)

EC6612-VLSI DESIGN LABORATORY

Prepared By

V.THAMIZHARASAN, AP/ECE

EC6612 VLSI DESIGN LAB

Vlsi Design Lab Manual For Ece

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Architectural Macro-modeling of Processor Memory Components Ghazanfar Ali Khan, 1995

Proceedings American Society for Engineering Education. Conference, 1994 CAD Systems Using AI Techniques Gōtarō Odawara, 1989 Recent advances in VLSI technologies have allowed larger and more complex designs CAD systems using Artificial Intelligence AI techniques play the most important role in their short term realization This book contains 27 research papers reporting on the various technical fields in VLSI CAD It is a coordinated collection of papers from researchers in the USA Europe and Japan The main topics covered are logic design using AI techniques and expert systems every paper offering an effective solution applying AI techniques to difficult problems in the CAD field **SBCCI 2006**, 2006

Proceedings, 2006 Proceedings of the ... ACM Great Lakes Symposium on VLSI, 2005 High-Performance VLSI Signal Processing Innovative Architectures and Algorithms, Algorithms and Architectures K. J. Ray Liu, Kung Yao, 1998 Electrical Engineering Signal Processing High Performance VLSI Signal Processing Innovative Architectures and Algorithms Volume 1 Algorithms and Architectures The first volume in a two volume set High Performance VLSI Signal Processing Innovative Architectures and Algorithms brings together the most innovative papers in the field focused introductory material and extensive references The editors present timely coverage of algorithm and design methodologies with an emphasis on today's rapidly evolving high speed architectures for VLSI implementations These volumes will serve as vital resources for engineers who want a comprehensive knowledge of the extremely interdisciplinary field of high performance VLSI processing The editors provide a practical understanding of the merits of total system design through an insightful synergistic presentation of methodology architecture and infrastructure Each volume features Major papers that span the wide range of research areas in the field Chapter introductions including historical perspectives Numerous applications oriented design examples Coverage of current and future technological trends Thorough treatment of high speed architectures **Journal of VLSI Signal Processing Systems for Signal, Image, and Video Technology**, 1997

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