International Journal of Conceptions on Electronics and Communication Engineering

Journal Conference by

Malla Reddy Institute of Engineering & Technology Secunderabad/Hyderabad, India

Editor in-chief:

Mr. T E Devi Prasad, SAP, Banglore.

Associate Editor: Prof. Paul Bharath Bhushan. Member, WAIRCO.

Editorial Board:

Mr. Mohammed Pirhadi, Associate Professor, KIAU. Iran.

Mr. P Rasool, Senior Software Engineer, TCS. India.

Mr. Chaylasy Gnophanxay, Assistant Professor, NUOL, Laos.

Mr. G Anil Kumar, Assistant Professor, SV Group of Colleges, India. Dr. Dyah Erni Herwindiati, Professor, UNTAR. Indonesia.

Mr. Ramakrishna, Assistant Professor, Nepal.

Mr. Wilson J Bab. Senior Software Engineer, IBM, USA.

Mrs. P Devaki. Associate Professor, SVPCET, India.

WAIRCO JOURNAL PUBLICATIONS

29, Flat No. 5, 2nd Cross, Taverekere, Banglore, Karnataka, INDIA.

Phone: +91 - 80420064

Website: www.worldairco.org E-mail: info.worldairco@gmail.com

International Journal of Conceptions on Electronics and Communication Engineering

www.worldairco.org

Journal Conference by

Malla Reddy Institute of Engineering & Technology Secunderabad/Hyderabad, India

AIM and SCOPE:

International Journal of Conceptions on Electronics and Communication Engineering (IJCECE) is an International scholarly peer reviewed min. cost Journal published by WAIRCO Journal Publishers which offers publication of articles covering theoretical, computational and experimental investigations of all aspects of the Computing and Information Technology. Each issue contains papers on both the fundamental aspects of the Computing and Information Technology and its applications in all fields.

Submission of Paper:

Manuscripts are invited from students, researchers, academicians and industrial executives and scientists for publication consideration. Papers can be submitted for consideration to peer review through e-mail: submission.worldairco@gmail.com with the understanding that they have not been published, submitted or accepted for publication elsewhere.

Frequency of Publications: ONE volume with SIX issues per year

Subscription Information: Subscription orders may be directed to the publisher. For more information, visit http://www.worldairco.org/Subscription.html

Annual Institutional Subscription Rates:

	Print and Online	Only Online
India only	Rs. 3000/-	Rs. 2500/-
Economically Weak Countries	USD 80 or EURO 62	USD 60 or EURO 47
Rest of the world	USD 130 or EURO 100	USD 110 or EURO 86

Publisher:

All business correspondence, enquiries and subscription orders shall be addressed to:

29, Flat No. 5, 2nd Cross,
Taverekere, BTM 1st Stage,
Banglore, Karnataka, INDIA.
E-mail: info.worldairco@gmail.com

April' 2015, WAIRCO Journal Publications, INDIA Printed in INDIA

All material published in this journal is protected by copyright, which covers exclusive rights to reproduced and distribute the material. No material published in this journal may be reproduced or stored on micro film, or in electronic, optical or magnetic form without the written authorization of the publisher.

International Journal of Conceptions on Electronics and Communication Engineering

Journal Conference by

Malla Reddy Institute of Engineering & Technology Secunderabad/Hyderabad, India

Table of Contents

Hybrid High Noise resiliency Pitch Detection Algoritm	
High Efficient Automatic Solar Tracking Street Lighting System With Base Station Monitoring	5 – 13
Location-Aware Real Time Oceanographic Model to Prevent Coastal Drowning	14 – 17
HBAC Pradeep, Ravi Nandana G, Raveen Thirimawithana and RGN Meegama	14 – 17
GSM Communication Network control Vehicle with a Solar Power Supply . U Sravan Kumar and Nikhil Chakravarthy K	18 – 23
DTMF and Gesture controlled Multipurpose Robot	24 – 27
Retinal Vessel Extraction by Using Visual Cortical Filters	28 – 31

Interference Suppression In Long Term Evolution		
Performance Analysis of Linear and Nonlinear Resource Allocation Techniques in OFDM System	36 – 41	
Fully controlled robot car	42 – 46	
Low Power Testing Techniques for Ultra Power Based SoC System P Ramesh, Dr. D N Rao and Dr. K Srinivasa Rao	47 – 51	
Radiation Pattern Determination of a Broad Side Array	52 – 61	