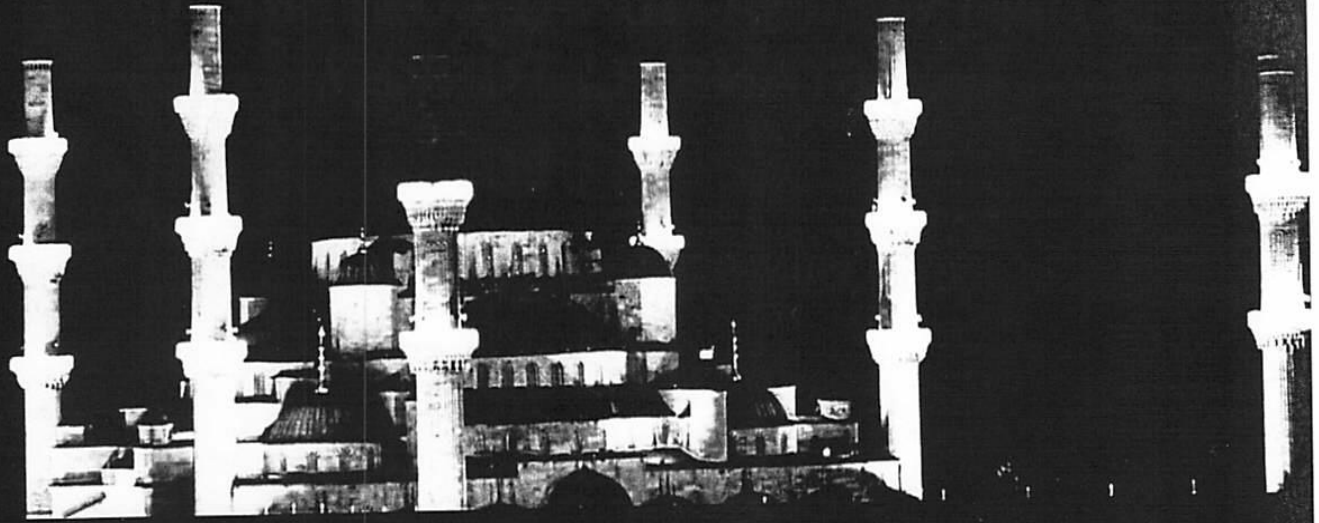




ISBN: 978-93-85832-62-8

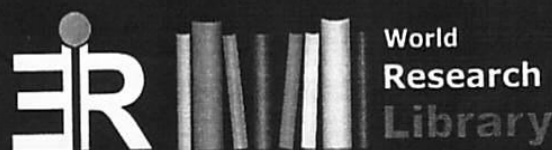


PROCEEDINGS OF  
**Academics World**  
INTERNATIONAL CONFERENCE

Date: December 11<sup>th</sup>, 2015

Venue: Istanbul, Turkey

*In Association With*



Proceedings of  
**ACADEMICS WORLD**  
**10<sup>th</sup> INTERNATIONAL CONFERENCE**  
**ISTANBUL, TURKEY**

ISBN- 978-93-85832-62-8



**Date of Event:**  
**11<sup>th</sup> December, 2015**

**Event Co-Sponsored by**



**Corporate Address**

**IRAJ Research Forum**

**Institute of Research and Journals**

**Plot No- 161, Dharma Vihar, Khandagiri, Bhubaneswar, Odisha, India**

**Mail: [info@iraj.in](mailto:info@iraj.in), [www.iraj.in](http://www.iraj.in)**

## Conference Committee

### Program Chair:

#### **Dr. P. Suresh**

M.E, Ph.D. Professor and Controller of Examinations,  
Karpagam College of Engineering.,  
Coimbatore, India.

#### **Dr. Tarik Veli Mumcu**

Yildiz Teknik University, Elektrik Elektronik Fakültesi  
Kontrol ve Otomasyon Mühendisligi Bolumu  
Davutpasa Kampusu  
34220 Esenler Istanbul

#### **Aida Isma Mohd Idris**

SEGi University, Selangor Darul Ehsan,  
Malaysia

#### **Mohamed. A. Saad**

National Research Centre,  
Egypt

### Conference Manager:

#### **Mr. Bijan Kumar Barik**

Mob: +91-9776047497

### Conference Convener:

#### **Mr. Amareswar Sahoo, The IIER**

Mob: +91-9007375847

#### **Mr. Sanket Pattanayak, Academics World**

Mob: +91- 7855922996

### Publication and Distribution Head:

#### **Mr. Manas Ranjan Prusty, IRAJ, India**

## INTERNATIONAL ADVISORY MEMBERS

#### **Prof. Goodarz Ahmadi,**

Professor, Mechanical and Aeronautical Engineering, Clarkson University, USA

#### **Dr Chi Hieu Le,**

Senior Lecturer, University of Greenwich. Kent ME4 4TB. United Kingdom

#### **PROF. (ER.) Anand Nayyar**

Department of Computer Applications & IT, KCL Institute of Management and Technology, Jalandhar  
G.T. Road, Jalandhar-144001, Punjab, India.

#### **Prof. R. M. Khaire,**

Professor, Dept. Of Elex. and Telecommunication, B, V University, India

#### **Dr.P.Suresh,**

Professor, Karpagam College of Engineering, Coimbatore, Tamilnadu

#### **Mark Leeson**

Associate Professor (Reader)  
Area of Expertise: nanoscale communications,  
evolutionary algorithms, network coding and communication systems

#### **Dr. P. K. Agarwal**

Professor, Deptt. of Civil Engineering, MANIT Bhopal ,Ph. D: IIT Kanpur  
M.E: Civil Engg IIT Roorkee, Membership: Indian Road Congress (IRC), Institute of Urban Transport (IUT)

---

**Publisher: IRAJ**

**© 2015, Academics World 10<sup>th</sup> International Conference, Istanbul, Turkey**

**No part of this book can be reproduced in any form or by any means without prior written permission of the publisher.**

**ISBN- 978-93-85832-62-8**

**Type set & printed by:**

**R. K Printers  
Bhubaneswar, India**

**Prof. (Er.) Anand nayar**  
Department of Computer Applications & I.T.  
KCL Institute of Management and Technology, Jalandhar  
G.T. Road, Jalandhar-144001, Punjab, India

**Shahriar Shabbazpanahi**  
Islamic Azad University,  
Department of Civil Engineering, Sanandaj, Kurdistan, Iran, PhD (Structural Engineering),  
University Putra Malaysia, Malaysia , 2009-Present

**Haruo Bin Sarip**  
Head of Research and Innovation Dept, UniKL-MICET  
Doctorate: Université de La Rochelle, France  
Member: International Society of Pharmaceutical Engineer, Singapore Chapter

**Dr. Md. Al-Amin Bhuiyan**  
Associate Professor  
Dept. of Computer Engineering  
King Faisal University  
Al Ahssa 31982, Saudi Arabia

**Prof. (Er.) Anand nayar**  
Department of Computer Applications & I.T.  
KCL Institute of Management and Technology, Jalandhar  
G.T. Road, Jalandhar-144001  
Punjab, India

**Prof. Aleksandr Carlow**  
institution or Company: West Pomeranian University of  
Technology, Szczecin

**Dr. P. K. Agarwal**  
Professor, Deptt. of Civil Engineering, MANIT Bhopal ,Ph. D: IIT Kanpur  
M.E: Civil Engg. IIT Roorkee, Membership: Indian Road Congress (IRC), Institute of Urban Transport (IUT)

**Dr. VPS Naidu**  
Principal Scientist & Assoc. Prof., MSDF Lab, FMCD  
CSIR - National Aerospace Laboratories, Bangalore, India

**Mr. P. Sita Rama Reddy**  
Chief Scientist ,Mineral Processing Department, CSIR - Institute of Minerals & Materials Technology  
Bhubaneswar, India, M.Tech. (Chem. Engg., IIT, KGP)

**Dr.P.C.Srikanth,**  
Professor & Head, E&C Dept, Malnad College of Engineering, Karnataka  
Senior Member IEEE, Secretary IEEE Photonics Society,  
M.Tech: IIT, Kanpur, Ph.D: In IISc Photonics lab

**Prof. Lalit Kumar Awasthi,**  
Professor, Department of Computer Science & Engineering  
National Institute of Technology(NIT-Hamirpur),  
PhD, IIT, Roorkee, M. Tech, IIT, Delhi

**Dr. Chandra Mohan V.P.**  
Assistant Professor, Dept. of Mech. Engg., NIT Warangal,  
Warangal. Ph.D: Indian Institute of Technology(IIT),Delhi  
M.B.A: Alagappa University

**Prof. LSuneetha,**  
Associate Professor, Dept. of ECE, AITS, Tirupati, India

**Dr.s. Chandra Mohan Reddy,**  
Assistant Professor (SG) & Head, Dept. of Electronics & Communication Engineering, JNTUA College of Engineering, Pulivendula,  
Ph.D.J.N.T. University Anantapur, Anantapuramu

**Gurudatt Anil Kulkarni,**  
I/C HOD E&TC Department, MARATHWADA MITRA MANDAL'S POLYTECHNIC

**Pasuluri Bindu Swetha**  
Dept. Of ECE, Stanley college of Engineering & Technology for Women, Hyderabad, India

\*\*\*

SI N

01.

02

03

C

## TABLE OF CONTENTS

SI No	TITLES AND AUTHORS	Page No.
01.	<b>Analyze of Magnetic Properties and Structure in Nickel Gas Turbine Blade After Operation at Forced Regime</b> > <i>N. N. Stepanova, M.B. Rigmant, D.I. Davidov, D.A. Shishkin</i>	1-4
02.	<b>A Comparative Study of Corporate Real Estate Strategies for Selected Local and Foreign Commercial Banks in Malaysia</b> > <i>Abdulkadir Abukar Mohamed</i>	5-11
03.	<b>Compact Triangular Microstrip Antenna With Fractal Ground</b> > <i>Nawel Seladji-Hassaine, Fethi T. Bendimerad</i>	12-15
04.	<b>Visual Art and Arts Therapy for Healing in Hospital Environments</b> > <i>Patrick Uwajeh, Iyendo.O.Timothy</i>	16-22
05.	<b>SWOT Analysis of the Emission of Municipal Bonds in the Republic of Macedonia (Comparative with the Republic of Croatia)</b> > <i>Marija Gogova Samonikov, Risto Fotov, Ilija Gruevski, Elena Veselinova</i>	23-26
06.	<b>Creating Sense of Place to Increase Quality of Public Space by Physical Attributes, "Case Study of Naqsh-e-Jahan Square, Esfahan, Iran"</b> > <i>Anahita Zendehtelan</i>	27-35
07.	<b>Transforming the United Arab Emirates Into an Innovation-Based Economy: SWOT Analysis</b> > <i>Safa El Shaweesh</i>	36-40
08.	<b>System Engineering for Industrial Air Pollution Control</b> > <i>Mohamed. A. Saad</i>	41-47
09.	<b>Enhanced Photocatalytic Properties of Pure and Ln (La<sup>3+</sup>, Eu<sup>3+</sup>, Ce<sup>3+</sup>) – Modified ZnO Powders Synthesized by Hydrothermal Method</b> > <i>Nina Kaneva, Assya Bojinova, Karolina Papazova, Dimitre Dimitrov, Alexander Eliyas Umar.Np.Pandey</i>	48-51
10.	<b>A New Approach for Solving the One Phase Stefan Problem with the Boundary Temperature</b> > <i>Kulyash Kaliyeva, Kadyr-zhan Issakov</i>	52-57
11.	<b>Characterization of Biofouling in Membrane Bioreactor</b> > <i>Aida Isma M. I., A. Idris, R. Omar, Mohd Ali Hassan, Zakaria M.P.</i>	58-62