## INDIAN JOURNAL OF NATURAL SCIENCES (IJONS) BIMONTHLY INTERNATIONAL JOURNAL

Editor-in-Chief Dr.S.Vijikumar

Published by TAMILNADU SCIENTIFIC RESEARCH ORGANISATION 39,MURA BHAVAN,KOODAL NAGAR,RAJAGOPALAPURAM POST, PUDUKKOTTAI, TAMIL NADU, INDIA. ijonstnsro@gmail.com,editorijons@gmail.com-www.tnsroindia.org.in

Editor-in-Chief, Editorial Board and Publisher take no responsibility for inaccurate, misleading data, opinion and statements appeared in the articles and advertisements published in this journal. It is the sole responsibility of the contributors and advertisers. No part of this journal can be reproduced without the written permission of the Editor-in-Chief who also holds the copyright © of the "Indian Journal of Natural Sciences (IJONS)".

## Indian Journal of Natural Sciences (IJONS)

Editor-in-Chief	<b>Dr.S.Vijikumar</b> Director TamilNadu Scientific Research Organisation Pudukkottai-622003, Tamil Nadu. India.
	Editorial Committee
Honorable Chief Advisor	<b>Prof. Dr. V. Ramaiyan</b> Marine Biologist Research Advisor Sri Venkateswara College of Arts & Science. Peravoorani, Thanjavur. Tamil Nadu. India.
Honorable Chief Advisor	<b>Prof.Dr.A.Ganapathi</b> UGC BSR Emeritus Professor Department of Biotechnology School of Life Sciences, Bharathidasan University, Tiruchirappalli. Tamil Nadu. India.
Honorable Chief Advisor	<b>Dr. Sr.D.Victoriya Amalorpava Mary</b> , FBS Principal, Bon Secours College for Women, Vilar bypass road, Thanjavur - 613 006. Tamilnadu, South India.
Honorable Member	<b>Dr. N. Jayabalan</b> Professor & Head, Dept. of plant Science, School of life Sciences Bharathidasan University, Tiruchirappalli. Tamil Nadu. India.
Honorable Member	<b>Dr. T.S. Saravanan</b> Professor of Biotechnology cum Research Co-ordinator Dr.M.G.R Educational and Research Institute University Periyar E.V.R High Road,Maduravoyal,Chennai-600095.
Honorable Member	<b>Dr.S.P.Subramaniyan</b> Asst.Controller of Patents and Designs (Govt.of India) Patent Office,IPR Building,GST Road,Guindy,Chennai 600032
Honorable Member	<b>Er. Abdul Samad. M. Kamdod</b> Assistant Professor Department of Civil Engineering Bharat Institute of Science & Technology for Women Mangalpally, Renga Reddy Dist. Andhra Pradesh, India
Honorable Member	<b>Dr. Hina kousar</b> Assistant Professor Department of Environmental Sciences, Kuvempu University Shankaraghatta, Shivamogga – 577 451, Karnataka ,India
Honorable Member	<b>Mr.B.Rajesh</b> Manager (Tech. Services Env.) Grass Roots Research & Creation India (P) Ltd Noida – 201301,Uttar Pradesh,India
Honorable Member	<b>Mr. K.Ramanathan</b> Head, Department of Bioinformatics, Thanthai Hans Roever College Perambalur, TamilNadu, India.

Honorable Member	<b>Dr. K.Gurunathan</b> Prof & Head, Department of Nano science & Technology, Alagappa University, Karaikudi, TamilNadu, India.
Honorable Member	<b>Dr. Rajashekhar O, Patil</b> Assistant Professor, Department of Environmental Management Sant Gadge Maharaj College of Commerce & Economics, Mumbai 400004, India
Honorable Member	<b>Dr.M.Ravichandran</b> Prof.& Head Department of Environmental Management Bharathidasan University, Tiruchirappalli. Tamil Nadu. India.
Honorable Member	<b>Dr.M.Krishnan</b> Prof.& Head,Department of Environmental Biotechnology Bharathidasan University, Tiruchirappalli. Tamil Nadu. India
Honorable Member	<b>Dr.K.Kumarasamy</b> Prof.& Head,Department of Geography Bharathidasan University, Tiruchirappalli. Tamil Nadu. India
Honorable Member	<b>Dr.A.Sathya,</b> Assistant professor – III, School of Civil Engineering, SASTRA University, Thanjavur – 613401, TamilNadu, India.
Honorable Member	<b>Dr.G.G.Hammad Ahmad Shadab</b> Senior Assistant Professor, Department of Zoology Aligarh Muslim University, Aligarh-202002, Uttar Pradesh
Honorable Member	<b>Dr.H.Syed Jahangir</b> Assistant Professor, P.G. and Research Department of Botany Jamal Mohamed College(Autonomous) Trichirappalli-620020,TamilNadu,India.
Honorable Member	<b>Mrs.A.Indumathi</b> Asst.Professor,Department of Biotechnology, Bon Secours College for Women,Vilar bypass road, Thanjavur Tamilnadu, South India
Honorable Member	<b>Dr. P. Santhanam</b> Assistant Professor, Department of Marine Science, School of Marine Sciences,Bharathidasan University, Tiruchirappalli. Tamil Nadu. India
Honorable Member	<b>Dr.B.Parimala Devi</b> Additional Director, Veeramani Mohana Centre for Quality Life Engineering Research, Periyar Maniyammai University, Vallam,Thanjavur ,Tamil Nadu. India.
Honorable Member	<b>Dr. M. Lekeshmanaswamy</b> Associate professor PG and Research Department of Zoology Kongunadu Arts and Science College G.N. mills (PO), Coimbatore-641 029, TamilNadu, India.
Honorable Member	<b>Dr.P.Udayakumar</b> Principal, Jayanthi College of Education,Jayanthi Gardens Arulpurm,Tirupur(Dist.)-641605, TamilNadu, India

Honorable Member	<b>Dr.Syed Mohamed</b> Asst. Prof. Dept. of Zoology,Jamal Mohamed College Tiruchirappalli, TamilNadu, India
Honorable Member	<b>Dr. Komalavalli Narayanaswamy</b> Associate Professor, PG and Research Department of Botany H.H. The Rajah's College (Autonomous) Pudukkottai – 622 001, Tamil Nadu, India.
Honorable Member	<b>Mis.S.Muthu Bharathi</b> Asst.Professor,Department of Chemistry, Bon Secours College for Women,Vilar bypass road, Thanjavur Tamilnadu, South India
Honorable Member	Mrs.Sujatha Ilangovan Assistant Professor, Department of Biochemistry Holy Cross College, Tiruchirapalli-620002. TamilNadu, India.
Honorable Member	<b>Dr.C.Kathirvelan</b> Assistant Professor, Department of Animal Nutrition Veterinary College and Research Institute (TANUVAS) Namakkal -637002. TamilNadu, India.
Honorable Member	<b>Professor.G.Ganesan</b> Professor, Department of Mathematics Adikavi Nannaya University,Rajahmundry-533105 Andhra Pradesh, India.
Honorable Member	Mis D.Kalpana Asst.Professor,Department of Chemistry, Bon Secours College for Women,Vilar bypass road, Thanjavur TamilNadu, South India
Honorable Member	<b>Dr.C.Balusami</b> Assistant Professor, Department of Livestock Production and Management College of Veterinary and Animal Sciences Pookode-673576.Kerala, India.
Honorable Member	<b>Dr.P.Kavitha</b> Assistant Professor, Department of Zoology and Biotechnology AVVM Sri Pushpam College (Autonomous) Poondi,Thanjavur, TamilNadu, India.
Honorable Member	<b>Dr.Vasudevan Ayyappan</b> Department of Biology, Delaware State University, Dover, Delaware - 19901
Honorable Member	<b>Mrs.A.Amargeetha</b> Asst.Professor,Department of Chemistry, Bon Secours College for Women,Vilar bypass road, Thanjavur TamilNadu, South India
Honorable Member	<b>Mrs.N.Rajarajeswari</b> Asst.Professor,Department of Physics, Bon Secours College for Women,Vilar bypass road, Thanjavur TamilNadu, South India

## **Indian Journal of Natural Sciences (IJONS)**

Volum		tober 2013
CODEN	J: IJONS (20) (2013) Issue 20 ISSN: (	976 - 0997
S. No.	CONTENTS	Page No.
	Editorial	
1	Identification of Calcium Oxalate Crystal Deposition at Different Periods, Majo Crystal Adherence Sites and its Injuries in Ethylene Glycol Administered Mal- Albino Rat Kidneys. Pandi Lakshmi P, C.D.Lethi and P. Kokilavani	
2	Study on the Fuel Properties of Fatty Acid Methyl Ester from <i>Azadirachta india</i> A. JUSS. Seed Oil Nithya G. and Litty Koria	a 1393-1398
3	Green Solution to Blue Crisis – A Technique to Save Domestic Water Mohammed Mohiuddin Asad	1399-1402
4	Impact of Vehicular Emission on Morphological Characteristics of NH-210 Road side Flora Packiyaraj Rengasamy, M.Senthilkumar and Komalavalli Narayanaswamy	1403-1410
	Instruction to Author(s)	1411-1414