ELIXIR INTERNATIONAL JOURNAL

(Available online at www.elixirpublishers.com)



Index Copernicus, Poland Value (ICV) is 5.09 in 2011

September 2011 Issue



Elixir International Journal

(ISSN: 2229 -712X)



Announcement from the Editor-in-Chief

	Table of Content	S			
S.No	Title of the Article and Author(s)	Issue No.	Page No.	Year	Month
1	Investigation of corrosion behaviour of mild steel using natural product as corrosion inhibitor in citric acidic medium				
	P.Matheswaran and A.K.Ramasamy	38	4052-4056	2011	September
2	Diversity of mosquito fauna in three selected sites of athoor taluk, Dindigul district, TamilNadu				•
	K.Ramesh Kumar and N.Nattuthurai	38	4057-4059	2011	September
3	Security issues in cloud computing Kevin Curran, Sean Carlin and Mervyn Adams	38	4069-4072	2011	September
4	Removal of impulse noise using VLSI technology N.J.R. Muniraj and Surya Prabha	38	4105-4108	2011	September
5	Implementation of optimized technology for segmentation of brain tumor using VLSI N.J.R. Muniraj and Surya Prabha	38	4109-4112	2011	September
6	Development and performance evaluation of multilayered Nanoparticles for delivery of Docetaxel Manju Nagpal, Naresh Kalra, G.Jeyabalan, Narender				
7	Kumar Noyla and Pankaj Rakha Diversity of noctuid moths (lepidoptera: noctuidae) in TamilNadu part of western ghats (nilgiris biosphere and Kodaikanal hills), India K. Siwagan karan D. Baran dhaman and S.	38	4118-4121	2011	September
	K. Sivasankaran, S. Gnanasekaran, D. Parandhaman and S. Ignacimuthu	38	4131-4134	2011	September
8	Urban tree biomass estimation in Universiti Putra Malaysia (UPM) campus Mohd Hasmadi Ismail, Pakhriazad Hassan Zaki and Chew Pui Chin	38	4140-4142	2011	September
9	Genetic pairwise distance matrix analysis in the clones of Casuarina equisetifolia L. using RAPD Markers M. Ramakrishnan, A. Shanthi, S. A. Ceasar, Melvin A.				
10	Daniel and S. Ignacimuthu An Eco-friendly approach to control storage fungi	38	4143-4149	2011	September
11	Ashok M. Chavan and Rajendra B. Kakde Low cycle fatigue of different polymer types PA, PVC and	38	4150-4153	2011	September
12	POM Adnan Naama Abood, Ali Hassan Saleh, Ali Ahmed Ali and Lamia Karim Humood	38	4154-4156	2011	September
12	P100 amplitude of pattern Visual Evoked Potential (P- VEP) in monitoring the effectiveness of occlusion therapy for Squint eyes R.Kalaivaazhi and D.Kumar	38	4157-4160	2011	September
13	Comparative analysis of glacier classification for land remote sensing satellite images				
14	T. Sree Sharmila and K. Ramar Recognition of high resolution fingerprint images	38	4161-4163	2011	September
15	J.Raja Sekar and S.Judith Sherin TilshaCoDe – an collaborative detection algorithm for DDoSattacks	38	4164-4168	2011	September
16	M.Karthikeyan Development and validation of stability-indicating assay method for lacosamide by RP- HPLC	38	4169-4173	2011	September
	Sachin Shah, S. G. Vasantharaju, Arumugam Karthik and Muddukrishna B.S.M	38	4174-4177	2011	September
17	Determination of the TG-43 dosimetry parameters and	38	4178-4181	2011	September



Elixir International Journal

(ISSN: 2229 -712X)

Announcement from the Editor-in-Chief



	Table of Content				1
S.No	Title of the Article and Author(s)	Issue No.	Page No.	Year	Month
	isodose curves of 103Pd source model OptiSeedTM in soft				
	tissue phantom				
	Ali Asghar Mowlavi and Majed Yazdani				
18	A novel approach for the prediction of glucose				
	concentration in type 1 diabetes ahead in time through				
	ARIMA and differential evolution				
	S.Shanthi and Kumar	38	4182-4186	2011	Septemb
19	An investigative study on relative volatility in spot and				
	futures market in selected stock indices in India				
	Sathya Swaroop Debasish	38	4187-4195	2011	Septemb
20	Assessing the effects of socio – economic factors on				
	agricultural land use in Malaysia				
	Akeem Olawale Olaniyi, Ahmad Makmom Abdullah,				
	Mohammad Firuz Ramli and Alias Mohd Sood	38	4196-4204	2011	Septemb
21	Artificial neural network with trust region strategy for				
	parameter estimation				
	Shan Rui, Gao Donglian, Gao Jinghui, Wang Shuhua and	• •			~ .
	Li Lingling	38	4205-4207	2011	Septemb
22	Fresh graduates entrants to the working world				
	Syed Mohammed AlHady, Syed Ahmad AlHady,				
	Azfahanee Zakaria, Maznah Wan Omar and Mohd Noor	20	1200 1200		a
	Mohd Ali	38	4208-4209	2011	Septemb
23	Influence of vermicompost in root- knot nematode				
	management as a function of soil fortification	20	1010 1010	0.011	a
	K. Ramesh Kumar, N. Nattuthurai and R. Gurusamy	38	4210-4213	2011	Septemb
24	Bioefficacy of azolla pinnata as a function of soil				
	amendment in rooy-knot nematode management				
	N. Nattuthurai, K. Ramesh Kumar and D. Mathan Mohan	20	4014 4017	2011	G (1
25	Angala Kumar	38	4214-4217	2011	Septemb
25	Effects of use of ICT: students' perception at higher				
	education level	20	4010 4001	2011	C
26	Azhar Mahmood, Nasir Hussain Bokhari and Farah Naqvi	38	4218-4221	2011	Septemb
26	Line loss minimization and voltage regulation using UPFC	20	4000 4004	2011	Cantanah
27	Thomas John	38	4222-4224	2011	Septemb
27	Impact of public debt on foreign direct investment in				
	Pakistan: a quantitative approach Muhammad Azam and Asmat Ullah Khan	38	4005 4007	2011	Contomb
20		30	4225-4227	2011	Septemb
28	Numerical strategy of the harmonic oscillators using single-term HAAR wavelet series				
	S. Sekar, A. Manonmani and E. Paramanathan	38	4228-4231	2011	Septemb
29	Early marriage and premenopause as a risk factor for breast	38	4220-4231	2011	Septemb
27	cancer				
	J.K. Singh, A.Nath ,Mukul Mishra, Preety Jain, Arun				
	Kumar and Md. Ali and Ranjit Kumar	38	4232-4234	2011	Septemb
30	Design of remote EB metering system with Arm controller	50	4232-4234	2011	Septemo
50	R.Ramachandran and J. Thomas Joseph Prakash	38	4235-4238	2011	Septemb
31	The new integral transform "Tarig Transform "properties	50	T2JJ-+2JO	2011	Septemb
51	and applications to differential equations				
	Tarig. M. Elzaki and Salih M. Elzaki	38	4239-4242	2011	Septemb
32	On the rediscovery of marsdenia tirunelvelica	50	743774242	2011	Septemb
34	(asclepiadaceae) - a rare and little known endemic species				
	from Western Ghats				
	R. Kottaimuthu, R. Ganesan, R. Kumuthakalavalli and N.				
	Manikandan	38	4243-4244	2011	Septemb
33	Preserving social identity in diverse workforce: the	50	4243-4244	2011	Septemb
55	Treserving social identity in diverse workforce: the	38	4245-4249		



Elixir International Journal



Announcement from the Editor-in-Chief



Table of Contents SNL Title of the Article of the Article of Contents					
S.No	Title of the Article and Author(s)	Issue No.	Page No.	Year	Month
	Muhammad Ali Gondal and Sami Ullah				
34	On the tarig transform and ordinary differential equation				
	with variable coefficients	•			~ .
	Tarig. M. Elzaki and Salih M. Elzaki	38	4250-4252	2011	Septemb
35	Determinants of productivity in food industries of Iran	20		2011	a
	Ahmad Afrooz, Khalid B Abdul Rahim and Ali Edalati	38	4253-4256	2011	Septemb
36	Improvement of power quality by optimized SAPF system	•			~ .
	G.Gurusamy, P.M.Balasubramaniam and A.Sathish Kumar	38	4269-4272	2011	Septemb
37	Characterization of sintering schedule for near-net shaping				
	of warm formed mechanical components	•			~ .
	M. M. Rahman, S. S. M. Nor and H. Y. Rahman	38	4273-4275	2011	Septemb
38	Determination of montelukast sodium and levocetrizine				
	hydrochloride by using HPTLC method				
	Kishore Konam, Pottabathula HariPrasad, Punuri Samuel				
	Lukaraju, Sirajudeen.M.A, Md. Fareedullah and Md.	•			~ .
	Imtiaz Ahmed	38	4276-4278	2011	Septemb
39	Industry ecology: an ecological economy view	20		2011	a
	Jingfu Guo and Ruixue Zhu	38	4279-4282	2011	Septemb
40	Mechanical and metallurgical properties of diffusion				
	bonded AA2024 aluminium alloy and commercial grade				
	copper	20	1202 1200	2011	a . 1
	G. Mahendiran, V Balasubramanian and T. Sethilvelan	38	4283-4289	2011	Septemb
41	Linking label messages to labelling effectiveness				
	Maznah Wan Omar, Mohd Noor Mohd Ali and	•			~ .
	Muhammad Shahar Jusoh	38	4290-4292	2011	Septemb
42	Patriotism dilemma among Malaysian youth: between				
	strategy and reality				
	Ahmad Shah Pakeer Mohamed, Sulhairil Hafiz Haji				
	Sulaiman, Muhammad Fuad Othman, Mohd Ashraf Che	20	4202 4209	2011	C
12	Jumaat Yang and Hudrus Haron	38	4293-4298	2011	Septemb
43	One - pot synthesis of dihydropyrimidinones catalyzed by				
	Ni (acac)2: a new catalyst for the Biginelli reaction				
	Anil Kumar Jogula, Srinivasan N and Shanmugam	20	4200 4201	2011	C
4.4	Chellapalli	38	4299-4301	2011	Septemb
44	Kinetic, Equilibrium and Sorption studies of reactive				
	orange -16 from aqueous solution using nut shell of arachis				
	hypogaea				
	G.Vijayakumar, R.Tamilarasan, V. Sivakumar and	20	4202 4207	2011	Contomb
15	M.Dharmendirakumar	38	4302-4307	2011	Septemb
45	Study of economical social factors on women perspectives				
	relating to the role of advertisement on decreasing family consumption in Esfahan city				
	Mohammad Reza Iravani, Kazem Ghojavand and Roya				
		38	4308-4311	2011	Sontomb
46	Aghadavoodi Bifurcation analysis in a Lotka-Volterra model with delay	50	+300-4311	2011	Septemb
40		29	1312 1211	2011	Santamb
17	Changjin Xu Application of SMES Unit to improve the performance of	38	4312-4314	2011	Septemb
47	Application of SMES Unit to improve the performance of wind turbing conversion system				
	wind turbine conversion system	38	1215 1210	2011	Sontomb
48	A. M. Shiddiq Yunus, A. Abu-Siada and M. A. S Masoum Assessment of the levels of toxic and potentially toxic	30	4315-4319	2011	Septemb
4ð					
	metals in sediments from the weija dam Ghana $G_{1} O_{2}$ Duodu $A_{2} K_{2}$ Arim X_{2} Serfer Armeh and D K				
	G. O. Duodu, A. K. Anim, Y. Serfor-Armah and D.K.	20	1200 1201	2011	Contra 1
40	Sarfo	38	4320-4324	2011	Septemb
49	Head teachers' facet-specific job satisfaction and effect of			1	
47	school size at elementary level				



Elixir International Journal

(ISSN: 2229 -712X)

Announcement from the Editor-in-Chief



	Table of Content			T	
S.No	Title of the Article and Author(s)	Issue No.	Page No.	Year	Month
50	Product, process and combined green innovations on firm's				
	competitive advantages				
	Nabsiah Abdul Wahid and Teh Ting Lee	38	4330-4334	2011	September
51	Fuzzy logic application in process modeling of biodiesel				
	reactor	20	1225 1220	2011	G . 1
	S.V.A.R.Sastry and V. Ramachandra Murthy	38	4335-4338	2011	September
52	Analysis and simulation of multilevel inverter system	20	4220 4242	2011	Comto mileo
53	G. Mahesh Manivanna Kumar and S. Rama ReddyDevelopment of diode clamped inverter based STATCOM	38	4339-4342	2011	Septembe
33	using SVPWM technique				
	K.Giridharan, A. Chitra and C. Chellamuthu	38	4343-4347	2011	Septembe
54	A new topology on bi-directional ZVS DC–DC converter	50	4545-4547	2011	Septembe
54	with phase-shift plus PWM control scheme				
	N.Rajasekar and D.Sandeep Kumar	38	4348-4352	2011	Septembe
55	A particle swarm optimization algorithm for job shop	50	4546-4552	2011	Septembe
55	scheduling in grid environment				
	N.Jayapandian and A.M.J.Md. Zubair Rahman	38	4353-4357	2011	Septembe
56	The special heart and respiration on networks using	30	1000 1007	2011	Septembe
00	Christina theory				
	T. Shantha Kumar	38	4358-4361	2011	Septembe
57	Ethical behavior of implanting electronic chip in the brain		1000 1001	2011	2 optime i
51	Nidhi Bansal and A.K.Vatsa	38	4362-4364	2011	Septembe
58	Design of an embedded remote electronic measurement				~ · · · · · · · ·
	system for distance learning				
	V.Adithya Pothan Raj, M.P.Srinivasan and B.Sathiya	38	4365-4369	2011	Septembe
59	Classification and rule extraction using LEM1 algorithm				~
• •	for diagnosis of liver disease and its types				
	J.Anuradha, S.Karthik and B K Tripathy	38	4370-4374	2011	Septembe
60	Bagged ensemble of genetic algorithm for signature				Î.
	verification				
	M.Govindarajan and RM.Chandrasekaran	38	4375-4379	2011	Septembe
61	Simulation of custom power devices using				
	PSCAD/EMTDC				
	Bhavya Kanchanapalli and S.Dileep Kumar Varma	38	4380-4382	2011	Septembe
62	An improved power quality using multi-pulse AC-DC				
	converters in vector controlled induction motor drives				
	M.Karthika and K.P.Swaroop	38	4383-4386	2011	Septembe
63	An enhanced data summarization for privacy preservation				
	in incremental data mining				
	V.Rajalakshmi and G.S.Ananthamala	38	4387-4389	2011	Septembe
64	Statistical classifier with barcode based feature vectors for				
	numerals recognition				
	Shreedharamurthy S K and H.R.Sudarshana Reddy	38	4390-4393	2011	Septembe
65	An artificial neural network approach of load frequency				
	control in a multi area interconnected power system				
	V.Shanmuga Sundaram and T.Jayabarathi	38	4394-4397	2011	Septembe
66	An image encryption algorithm using chaos				
	R.Raja Kumar, A.Sampath and P.Indumathi	38	4398-4400	2011	Septembe
67	An artificial neural network based method for beam				
	position calculation in electron storage ring				
	Y.Tyagi and T.A. Puntambekar	38	4401-4403	2011	Septembe
68	Detection of micro-calcifications in mammogram images				
	using probabilistic neural network				~
	Nilofar Farzana and S Rathnakara	38	4404-4408	2011	Septembe
69	The security of elliptic curve cryptography over RSA				~
	cryptography	38	4409-4413	2011	Septembe



Elixir International Journal

(ISSN: 2229 -712X)

Announcement from the Editor-in-Chief



	Table of Content Title of the Article and Arthor(c)	1	De es NI	X 7	M 41
S.No	Title of the Article and Author(s)	Issue No.	Page No.	Year	Month
70	G. Jai Arul Jose and C. Sajeev				
70	Linear and differential cryptanalysis of DES	38	4414 4417	2011	Santamba
71	C. Sajeev and G. Jai Arul Jose Several types of defined attacks on cryptographic hash	38	4414-4417	2011	Septembe
	function				
	C. Krishna Kumar and G. Jai Arul Jose	38	4418-4422	2011	Septembe
72	Artificial neural networks bidirectional associative memory	50	4410-4422	2011	Septemot
12	Manikandan R.P.S	38	4423-4425	2011	Septembe
73	Suppression of conducted EMI in AC-DC converters using	50	1125 1125	2011	Septemet
10	chaotic PWM				
	N.Sudhakar, N. Rajasekar and A. Shanmuga Sundari	38	4426-4429	2011	Septembe
74	Design and analysis of optimal power flow for power				
	system using lagrangian relaxation technique				
	S. Maheswari and C. Vijayalakshmi	38	4430-4437	2011	Septembe
75	Grid connected inverter with SVPWM technique for				
	photovoltaic application				
	A. Chitra, K.Giridharan and C. Chellamuthu	38	4438-4442	2011	Septembe
76	Comparative analysis of various feature selection				
	algorithms based on fuzzy-rough set approach	• •			~ .
	V. Abirami Nachammai, A.Pethalakshmi	38	4443-4446	2011	Septemb
77	Soft computing in intelligent multi – modal systems	20	4447 4450	2011	G (1
70	J. Deepa Sajani	38	4447-4450	2011	Septemb
78	Comparison of several cloud computing providers	38	1151 1151	2011	Contomb
79	Khyati KothariQos based energy efficient routing in adhoc networks using	38	4451-4454	2011	Septembe
19	genetic algorithm				
	Preethimala Muthukrishnan, Priyanga Malaichamy,				
	Shanthi Kandasamy and Karthikeyan Periasamy	38	4455-4459	2011	Septembe
80	A concept graph for rough set theory	50	++55 ++57	2011	Septemo
00	B.Sankara Subramanian	38	4460-4464	2011	Septemb
81	Fuzzy logic, PI and ANN in improvement of power quality			2011	Septeme
	using unified Power quality conditioner				
	K.S.Ravi Kumar and S.V.A.R.Sastry	38	4465-4468	2011	Septembe
82	Energy based encryption and keying with collision				
	avoidance in wireless sensor networks				
	G. Ragunathan and L.Sherly Puspha Annabel	38	4469-4472	2011	Septembe
83	Enforcing socially selfish awareness routing among users				
	S.Lavanya and R.Ramya	38	4473-4476	2011	Septembe
84	Learning-based compiler level optimization of branching				
	statement layout using execution patterns and dynamic				
	code reordering				
	Sarath Chandran, K.R., Tesslyn Antony, Sruti and	20		2011	
0.5	S.Mathuri, G	38	4477-4480	2011	Septemb
85	Differential evolutionary algorithm for optimization of pid				
	controller parameters applied to electromagnetic levitation				
	system Sentechi Multherice and Subrate Deperice	20	1101 1101	2011	Contomb
96	Santoshi Mukherjee and Subrata Banerjee	38	4481-4484	2011	Septemb
86	Improved swarm intelligence for solving symmetric				
	travelling salesman problems having premature convergence				
	Ajit Kumar	38	4485-4491	2011	Septemb
87	Chaos image encryption using pixel shuffling with henon	50	7702-4471	2011	Septemb
07	map				
	Manjunath Prasad and K.L.Sudha	38	4492-4495	2011	Septemb
88	Secure chaotic modulation schemes using henon map	50		2011	Septemb
00	Dikshith Anchan and K.L.Sudha	38	4496-4499	2011	Septemb



Elixir International Journal

(ISSN: 2229 -712X)

Announcement from the Editor-in-Chief



Table of Contents					
S.No	Title of the Article and Author(s)	Issue No.	Page No.	Year	Month
89	ANN assisted network reconfiguration for enhancement of voltage stability in power networks				
	Pasam Sambasiva Rao, Abhinandan De and Abhijit Chakrabarti	38	4500-4505	2011	Septembe
90	FPGA implementation of an efficient space vector pulse width modulation algorithm				
01	R. Subha, Nitin Kumar, Navreet Kaur, Pragathi M.S and Sudhanshu Agrawal	38	4506-4509	2011	Septemb
91	A survey on topologies of multilevel inverters Arpit Jain and Varsha Singh	38	4510-4515	2011	Septemb
92	Detection of similar pattern of chhattisgarhi dialects through speech recognition using wavelet transformation Madhuri Gupta, Akhilesh Tiwari and A S Zadgaonkar	38	4516-4519	2011	Septemb
93	Dependency based query answering of the simple english text				
94	Aditya Tiwari and Samta GajbhiyeSimilarity search in recent biased time series databases	38	4520-4523	2011	Septemb
	using adaptive framework D.Muruga Radha Devi and P.Thambidurai	38	4524-4529	2011	Septemb
95	Face recognition using apperance based analysis Kushal p giri and S Rathnakara	38	4530-4532	2011	Septemb
96	A new VLSI architecture for low power high performance parallel multiplier-accumulator based on radix-2 modified booth algorithm				
	R. Satya Veni and M. Prema Kumar	38	4533-4537	2011	Septemb
97	Reoptimization of steiner tree a comparative analysis Maitreyee Dutta and Rituraj Soni	38	4538-4540	2011	Septemb
98	Experimental and numerical realization of simple 4d – hyperchaotic circuit with "Cubic-Like" two ideal diodes G. Kandiban, V. Balachandran and S. Manimaran	38	4541-4543	2011	Septemb
99	Experimental and numerical realization of chaotic phenomena in a simple-3d new autonomous nonlinear electronic circuit				
100	S. Manimaran, V. Balachandran and G. KandibanChannel equalisation with an efficient variable step-size	38	4544-4546	2011	Septemb
	transform domain Adaptive algorithm Suma MN and B Kanmani	38	4547-4551	2011	Septemb
101	Synthesis and characterization of 4-methoxy-1H-quinolin- 2-thiones A.K.Ramasamy, V.Balasubramaniam and K. Mohan	38	4552-4554	2011	
102	A.K.Ramasamy, V.Balasubramamam and K. Monan Video image inpainting using posture mapping P.Indumathi	38	4555-4557	2011	Septemb Septemb
103	Large-scale economic dispatch by seeker optimization algorithm	30	+,,,,+,,,/	2011	
104	Binod Shaw, V. Mukherjee and S. P. Ghoshal	38	4558-4563	2011	Septemb
104	Ek - cordial labeling of graphs N. Sridharan and R. Umarani	38	4564-4567	2011	Septemb
105	Bi-Edge – graceful and global edge – graceful labeling of some graphs B. Gavathri and M. Duraisamy	38	4568-4573	2011	Santamh
106	B. Gayathri and M. DuraisamyStudies on structures, vibrational frequencies of 3-amino-2- bromo pyridine based on density functional theory	30	4300-4373	2011	Septemb
	calculations S.Sivakumar, G.Raja and M.E.Rajasaravanan	38A	4574-4578	2011	Septemb