Department Name	MACS

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Details of publications of the Department (2.a) - International Journals

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Sl. No	Author list (Names of all authors to be listed as appearing in the publication)	Full title of the paper	Name of the Journal	Volume No	Issue No	Starting page No	Ending page No	Year of publication (YYYY)	ISSN No	DOI (if available)
1	P.Jidesh and S.George	A time-dependent switching anisotropic diffusion model for denoising and deblurring images	Journal of Modern Optics	59	2	140	156	2012	0950-0340	10.1080/09500340-2011.633713
2	S.George and M.E.Shobha	Two Step Newton-Tikhonov Method for Hammerstein-Type Equations: Finite Dimensional Realization	ISRN Applied Mathematics	2012				2012	2090-5572	10.5402/2012/783579
3	S.George and S.Pareth	Two Step Newton Method for Non-linear Lavrentiev Regularization	ISRN Applied Mathematics	2012				2012	2090-5572	10.5402/2012/728627
4	S.George nad A.I.Elmahdy	A quadratic Convergence yielding iterative method for nonlinear ill-posed operator equations.	Comput.Methods. Appl. Math	12	1	32	45	2012	0045-7825	
5	P.Jidesh and S.George	Schock coupled fourth-order diffusion for image enhancement	Comput. Electr.Eng	38		1262	1277	2012	0045-7906	10.1016/j.compeleceng.2012.03.017
6	P.Jidesh and S.George	Fourth-Order Gauss Curvature Driven Diffusion for Image Denoising	Int. J. Comp. Elect. Eng	4	3	350	354	2012	1793-8163	
7	S.George and S.Pareth	An application of Newton type iterative method for Laverentiev regularization for ill-posed equations:Finite dimensional realization	IAENG, Int J. Appl. Math	42	3	164	170	2012	1992-9978	
8	M.E.Shobha and S.George	Dynamical system method for ill-posed Hammerstein type operator equations with monotone operators	Int. J.Pure.Appl. Math	81	1	129	143	2012	1311-8080	
9	P.Jidesh and S.George	Gauss curvature driven image inpainting for image reconstruction	Journal of Chinese Institute of Engineers	37	1	122	133	2012	0253-3839	http://dx.doi.org/10.1080/ 02533839. 2012.751332
10	K.S. Chaudhari, P. Jidesh and N.K.Udayashankar	Fabrication of Nanoporous Alumina and Their Structural Characteristics Study Using SEM Image Processing and Analysis	J. Synthesis and Reactivity in Inorganic, Metal-Organic, and Nano-Metal Chemistry	42	3	369	375	2012	1553-3174	
11	P. Sam Johnson and S. Balaji	*Hyers-Ulam Stability of Linear Operators in Frechet Spaces*	Appl. Math. Inf. Sci.	6	3	525	528	2012	**1935-0090**	
12	P. Sam Johnson and S. Balaji	*On Semiclosed Subspaces of Hilbert Spaces*	International Journal of Pure and Applied Mathematics	79	2	249	258	2012	**1311-8080**	
13	Sushma Palimar, B R Shankar	Mersenne Primes in Real Quadratic Fields	Journal of Integer Sequences	15	5	1	12	2012	1530-7638	no
14	Shiva Murthy G., Robert John D'Souza and Golla Varaprasad	Digital Signature-Based Secure Node Disjoint Multipath Routing Protocol for Wireless Sensor Networks	IEEE SENSORS JOURNAL	12	10	2941	2949	2012	1530-437X	
15	Shiva Murthy G., R.J.D'Souza and G.Varaprasad	Network lifetime analytical model for node-disjoint multipath routing in wireless sensor networks	Int. J. Communication Networks and Distributed Systems	10	2	163	175	2013	1754-3916	

16	S.George and S.Pareth	An application of Newton-type iterative method for the approximate implementation of Laventiev regularization	J. Appl.Anal.	19	2	181	196	2013	1425-6908	10.1515/jaa-2013-0011,De Gruyter
17	S.George	Newton type iteration for Tikhonov regularization of nonlinear ill-posed problems	Journal of Mathematics	2013				2013	0129-167X	10.1155/2013/439316
18	I.K.Argyros and S.George	Extending the Applicability of the Mesh Independence Principle for Solving Nonlinear Equations	Transactions on Mathematical Programming and Applications	1	1	15	26	2013	2325 − 405X	
19	M.E.Shobha and S.George	Projection method for Newton-Tikhonov regularization for non-linear ill-posed Hammerstein type operator equations	Int. J.Pure.Appl. Math	83	5	643	650	2013	1311-8080	
20	I.K.Argyros and S.George	Improved Local Convergence of Lavrentiev Regularization for Ill-posed Equations	Transactions on Mathematical Programming and Applications	1	2	65	76	2013	2325 − 405X	
21	I.K.Argyros and S.George	Expanding the applicability of a Simplified Newton-Tikhonov regularization method for ill-posed equations	Transactions on Mathematical Programming and Applications	1	4	75	85	2013	2325 − 405X	
22	M.E.Shobha and S.George	On Improving the Semilocal Convergence of Newton-Type Iterative Method for Ill-Posed Hammerstein Type Operator Equations	IAENG, Int J. Appl. Math	43	2	64	70	2013	1992-9978	
23	Ioannis K.Argyros and Santhosh George	An extension of a theorem by B.T. Polyak on gradient-type methods	Nonlinear Functional Analysis and Applications	18	3	411	420	2013	1229-1595	
24	Ioannis K.Argyros and Santhosh George	Chebyshev-Kurchatov type methods for solving equations with non-differentiable operators	Nonlinear Functional Analysis and Applications	18	3	421	432	2013	1229-1595	
25	Ioannis K.Argyros and Santhosh George	Modification of the Kantorovich -type conditions for Newton's method involving twice-Frechet differentiable operators	Asian-European J. Math	6	3			2013	1793-5571	10.1142/S1793557113500265
26	Ioannis K.Argyros and Santhosh George	On the semilocal convergence of a two-step Newton-like projection method for ill-posed equations	Appl. Math.(Warsaw)	40	2013	367	382	2013	1233-7234	10.4064/am40-3-7
27	Ioannis K.Argyros and Santhosh George	Expanding the applicability of a modified Gauss-Newton method for solving nonlinear ill-posed problems	Applied Mathematics and Computation	219	21	10518	10526	2013	0096-3003	
28	S.George, S.Pareth and M.Kunhanandan	Newton Lavrentiev Regularization for ill-posed operator equations in Hilbert scales	Applied Mathematics and Computation	219	24	11191	11197	2013	0096-3003	
29	Ioannis K.Argyros, Yeol Je Cho and S.George	Expanding the Applicability of Lavrentiev Regularization Methods for Ill-posed Problems	Boundary Value Problems					2013	1687-2770	
30	Ioannis K.Argyros and Santhosh George	Extending the applicability of Newtons method on Riemannian manifolds with values in a cone	Asian-European J. Math	6	3			2013	1793-5571	10.1142/S1793557113500411
31	Ioannis K.Argyros and Santhosh George	Expanding the applicability of a two step Newton Lavrentiev method for ill-posed problems	Journal of Nonlinear Analysis and Optimization: Theory &Application	4	3	1	15	2013	1906-9685	
32	S.George and I.K. Argyros	Tikhonovs regularization and a cubic convergent iterative approximation for nonlinear ill-posed problems	Advances and Applications in Mathematical Sciences	12	8	435	486	2013	0974-6803	

33	I.K.Argyros and S.George	Expanding the applicability of a newton-Lavrentiev regularization method for ill-posed problems	MATHEMATICA, Tome	55	2	103	111	2013	1222-9016	
34	K. Chaudhary and P. Jidesh, P. Sud	Quantification and Morphology Studies of Nanoporous Alumina Membranes: A New Algorithm for Digital Image Processing	Microscopy and Micro Analysys (Ca	19	4	1061	1072	2013	1431-9276	
35	P. Sam Johnson	Multiplication Operators with Closed Range in Operator Algebras	J. Ana. Num. Theor	1	1	1	5	2013	**2375-2785**	
36	S M Hegde and Shivarajkumar	Two conjectures on graceful digraphs,	Graphs and Combinatorics	29	4	933	954	2013		
37	I. Jeyaraman, K.C. Sivakumar and V. Vetrivel	Stein Linear Programs over Symmetric Cones	International Game Theory Review	15	4	1	14	2013	Print ISSN: 0219-1989 Online ISSN: 1793-6675	DOI: 10.1142/S0219198913400331
38	B S Panda, D P Shetty	Minimum interference strong bidirectional topology for wireless sensor networks	Int. J. Ad Hoc and Ubiquitous Computing	13	3 / 4	243	253	2013		
39	S. S. Kamath and Prameela Kolake	Maximin Degree Domination Number in Graphs and its critical aspects	International Electronic Journal of	6	3	139	158	2013	1314-0744	
40	Monnanda Erappa Shobha, Santhosh George and M.Kunhanandan	A two step Newton type iteration for ill-posed Hammerstein type operator equations in Hilbert scales	J.Intgr.Eq.Appl	26	1	91	116	2014	0897-3962	
41	I.K.Argyros and S.George	Regularization methods for ill-posed problems with monotone nonlinear part	PUJM	46	1	25	38	2014	1016-2526	
42	S.George and I.K.Argyros	On the semilocal convergence of modified Newton-Tikhonov regularization method for nonlinear ill-posed problems	Nonlinear Functional Analysis and Applications	19	1	99	111	2014	1229-1595	
43	Ioannis K. Argyros ,Monnanda Erappa Shobha and Santhosh George	Expanding the applicability of a Two Step Newton-type projection method for ill-posed problems	Funct. Approx. Comment. Math	51	1	141	166	2014	0208-6573	
44	Ioannis K. Argyros, Yeol Je Cho and S.George	On the terra incognita for the NewtonKantrovich method with applications	Journal of the Korean Mathematical Society	51	2	251	266	2014	0304-9914	
45	M.E Shobha, I.K. Argyros, and S. George	Newton-type iterative methods for nonlinear ill-posed Hammerstein-type equations	Appl. Math. (Warsaw)	41	2014	107	129	2014	1233-7234	doi:10.4064 /am41-1-9
46	I.K.Argyros and S.George	On the semilocal convergence of Newton's method for sections on Riemannian manifolds	Asian-European J. Math.	7	2014			2014	1793-5571	10.1142/S1793557114500077

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47	V. Vasin and S. George	An Analysis of Lavrentiev regularization method and Newton type process for nonlinear ill-posed problems	Appl. Math. Comput	230		406	413	2014	0096-3003	
48	V. Vasin and S. George	Expanding the applicacability of Tikhonov's regularization and iterative approximation for ill-posed problems	Journal of Inverse and Ill-Posed Problems	22	4	593	607	2014	1569-3945	10.1515/jip-2013-0025
49	S.George and I.K. Argyros	On a deformed Newtons method with third order of convergence under the condition	Advances and Applications in Mathematical Sciences	13	1	1	18	2014	0974-6803	
50	V.S. Shubha, S.George and P. Jidesh	A derivative free iterative method for the implementation of Lavrentiev regularization method for ill-posed equations	Numer. Algor.	68	2	289	304	2014	1017-1398	10.1007/s11075014-9844-x
51	S.George and M.E.Shobha	Newton type iteration for Tikhonov regularization of non-linear ill-posed Hammerstein type equations	J. Appl. Math. Comput.	44	2014	69	82	2014	0096-3003	10.1007/s12190-0130681-1
52	I.K.Argyros and S.George	Expanding the applicability of Lavrentiev regularization methods for ill-posed equations under general source condition	Nonlinear Functional Analysis and Applications	19	2	177	192	2014	1229-1595	
53	I.K.Argyros and S.George	Local Convergence of two competing third order methods in Banach space	Applicationes Mathematicae	41	4	341	350	2014	1233-7234	
54	I.K.Argyros and S.George and P.Jidesh	Inverse Free Iterative Methods For Nonlinear Ill-posed Operator Equations	International Journal of Mathematics and Mathematical Sciences	2014					1687-0425	10.1155/2014/754154
55	I.K.Argyros and S.George	Expanding the Applicability of the Gauss-Newton Method for Convex Optimization under a Regularity Condition	Communications on Applied Nonlinear Analysis	21	2014	29	44	2014	1074133X	
56	I.K.Argyros and S.George	Local convergence of a multi-point parameter Newton-like methods in Banach space	Nonlinear Functional Analysis and Applications	19	2	381	392	2014	1229-1595	
57	I.K.Argyros and S.George and M. Kunhanandhan	Iterative Regularization methods for ill-posed Hammerstein-type Operator Equations in Hilbert scale	Studia UBB Math	59	2	247	262	2014	0252-1938	
58	I.K.Argyros and S.George	Expanding the applicability of Tikhonov's regularization for nonlinear ill-posed problems	Mathematical Inverse Problems	1	2	86	100	2014	2381-9634	
59	M.E Shobha and S. George	Newton type iteration for Tikhonov regularization of nonlinear ill-posed problems in Hilbert scales	Journal of Mathematics	2014				2014	0129-167X	10.1155/2014/965097
60	I.K.Argyros and S.George	An analysis of Lavrentiev regularization methods and Newton-type iterative methods for nonlinear ill-posed Hammerstein-type equations	Advances in Nonlinear variational Inequalities	17	2	26	42	2014	1092910X	
61	I.K.Argyros and S.George	On the Convergence of the Kurchatov Method Under Weak Condition	Transactions on Mathematical Programming and Applications	2	6	1	12	2014	2325 – 405X	

62	I.K.Argyros and S.George	On extended convergence domains for the newton-kantorovich method	MATHEMATICA	56	1	3	13	2014	0315-0860	
63	Ioannis K. Argyros and S.George	Expanding the applicability of Newton-Tikhonov method for ill-posed equations	Journal of Numerical Analysis and Approximation Theory	43	2	141	158	2014	2457-6794	
64	I.K.Argyros , S.George and M.E. Shobha	Weak Convergence of Iterated Lavrentiev Regularization for Nonlinear Ill-Posed Problems	Transactions on Mathematical Programming and Applications	2	8	1	16	2014	$2325 - 405X$	
65	I.K.Argyros, P. Jidesh and S. George	Ball convergence for fourteenth order iterative methods under conditions only on the first derivative	Transactions on Mathematical Programming and Applications	2	10	1	12	2014	$2325 - 405X$	
66	I.K.Argyros and S. George	A unified local convergence for three-step iterative methods with optimal eight order of convergence under weak conditions	Transactions on Mathematical Programming and Applications	2	10	13	25	2014	$2325 - 405X$	
67	I.K.Argyros and S. George	Unified ball convergence for two-step iterative methods in Banach space	Transactions on Mathematical Programming and Applications	2	10	26	36	2014	$2325 - 405X$	
68	B S Panda, D P Shetty	Strong minimum energy 2-hop rooted topology for hierarchical wireless sensor networks	Journal of Combinatorial Optimization			1	18	2014		
69	P. Jidesh	A convex regularization model for image restoration	Computers and Electrical Engineering	40	8	66	78	2014	0045-7906	
70	P.Jidesh and A.A. Bini	A curvature driven image inpainting approach for high densi	Arab J. Science and Engg	39	5	3691	3713	2014	1319-8025	
71	B. Roopashri Tantri and Murulidhar N. N.	An efficient estimator of reliability for exponential class software reliability models	Lecture notes on Software Engineering	vol. 2	3	201	204	2014	2301-3559	10.7763/LNSE.2014.V2.123
72	B. Roopashri Tantri and Murulidhar N. N.	Convergence of MLE to MVUE of reliability for exponential class software reliability models	International Journal on Recent and Innovation Trends in Computing and Communication	vol. 2	8	2133	2136	2014	2321-8169	
73	S M Hegde and Shankaran P	Weakly indexable graphs	J. Combinatorics, Information and	39	01/04/15	273	307	2014		
74	S M Hegde and T Srinivasmurthy	A partial solution to cordial Tree Conjecture	Journal of Discrete Mathematical S	17	3	257	263	2014		
75	S M Hegde and shivarajkumar	On k-graceful labeling of directed graphs	Utilitas Mathematica	95	2	161	173	2014		
76	S M Hegde and Shivarajkumar	**On graceful unicyclic wheels,**	ARS Combinatoria	117	3	47	64	2014		
77	Srinivasa Rao Kola and Pratima Panigrahi	Radio Numbers of Certain m-distant Trees	Journal of Discrete Mathematics	2014				2014	2090-9845	10.1155/2014/486354
78	I.K.Argyros, S. George and A. Alberto Magre	Expanding the convergence domain for Chun-Stanica-Neta family of third order methods in Banach spaces	J. Korean Math. Soc.	52	1	23	41	2015	0304-9914	10.4134/ JKMS.2015.52.1.023

79	P. Jidesh,Vorkady.S.Shubha and Santhosh George	A Quadratic Convergence Yielding Iterative Method for the Implementation of Lavrentiev Regularization Method for Ill-posed Equations	Applied Mathematics and Computation	254	2015	148	156	2015	0096-3003	
80	Ioannis K. Argyros, S. George and A. Alberto Magre	Local convergence for multi-point-parametric Chebyshev-Halley-type methods of high convergence order	Journal of Computational and Applied Mathematics	282	2015	215	224	2015	0377-0427	
81	I.K.Argyros and S. George	Local convergence of deformed Halley method in Banach space under Holder continuity conditions	J. Nonlinear Sc. Appl.	8	2015	246	254	2015	2008-1898	
82	I.K.Argyros and S. George	Enlarging The Convergence Ball Of The Method Of Parabola For Finding Zero Of Derivatives	Applied Mathematics and Computation	256	2015	68	74	2015	0096-3003	
83	I. K. ARGYROS, P. JIDESH and S. GEORGE	An Improved Semi-local Convergence Analysis for a Three Point Method of Order 1.839 in Banach Space	Advances in Nonlinear variational Inequalities	18	1	23	32	2015	1092910X	
84	I. K. ARGYROS and S. GEORGE	Ball Convergence for a Newton Steffensen-Type Third-Order Method	Advances in Nonlinear variational Inequalities	18	1	37	45	2015	1092910X	
85	I. K. Argyros and S. George	Local convergence for deformed Chebyshev type method in Banach space under weak conditions	Cogent Mathematics					2015	2331-1835	10. 1080/23311835.2015.1036958
86	Ioannis K. Argyros and S. George	A unified local convergence for Jarratt-type methods in Banach space under weak conditions	Thai Journal of Mathematics	13	1	165	176	2015	0129-167X	
87	I. K. ARGYROS and S. GEORGE	Ball convergence theorems for eighth order variants of Newton's method under weak conditions	Arab. J. Math					2015	1319-5166	10.1007/s40065-015-0128-7
88	I.K.Argyros and S.George	The convergence ball of inexact Newton like method in Banach space under weak Lipschitz condition	Journal of the Chungcheong Mathematical Society	28	1	1	12	2015	1226-3524	
89	I.K.Argyros and S.George	Local Convergence of Optimal Fourth Order Methods without Memory Under Hypotheses Only up to the First Derivatives	Transactions on Mathematical Programming and Applications	3	1	1	12	2015	2325 − 405X	
90	I.K.Argyros and S. George	Ball Convergence for an Efficient Ninth Order Method Free from Second Derivative for Solving Equations	Transactions on Mathematical Programming and Applications	3	1	13	23	2015	2325 − 405X	
91	I.K.Argyros and S. George	A Ball Comparison Between Three Cubically Convergent Iterative Methods	Transactions on Mathematical Programming and Applications	3	1	24	34	2015	2325 − 405X	
92	Ioannis K. Argyros and S. George	Expanding the applicability of steffensen's method for finding fixed point of operators in Banach space	Serdica Math. J.	41		159	184	2015	**1310-6600**	
93	I.K.Argyros and S. George	Ball convergence theorems for unified three step Newton-like methods of high convergence order	Nonlinear studies	22	2	327	339	2015	**1359-8678**	
94	I.K.Argyros and S. George	Ball comparison between two optimal eight-order methods under weak conditions	SeMA	72		1	11	2015	2254-3902	10.1007/s40324-015-0035-z
95	I.K.Argyros and S. George	Ball convergence for variants of Jarratt's method	Bangmod Int.J. Math.& Comp.Sci.	1	1	33	39	2015	2408-154X	

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96	I.K.Argyros and S. George	Ball convergence comparison between three iterative methods in Banach space under hypothese only on the first derivative	Applied Mathematics and Computation	266	2015	1031	1037	2015	0096-3003	
97	I.K.Argyros and S. George	Local convergence for a regula falsi-type method under weak convergence	J Appl Computat Math.					2015	0377-0427	Org/10.4172/2168-9679.1000217
98	I.K.Argyros and S. George	Local convergence for an efficient eighth order iterative method with a parameter for solving equations under weak conditions	International Journal of Applied and Computational Mathematics					2015	2349-5103	10.1007/s40819-015-0078-y
99	I.K.Argyros and S. George	Local convergence for some high convergence order Newton-like methods with frozen derivatives	SeMA Journal Boletin de la Sociedad Espaola de Matemtica Aplicada	70		47	59	2015	2254-3902	10.1007/s40324-015-0039-8
100	I.K.Argyros and S. George	Ball convergence for Steffensen-type fourth order methods	International Journal of Artificial Intelligence and Inter active Multimedia	3	4	37	42	2015	1989 – 1660	
101	I.K.Argyros and S. George	Ball convergence theorems for Maheshwari type eighth-order methods under weak conditions	Sao Paulo Journal of Mathematical Sciences					2015	1982-6907	10.1007/s40863-015-0009-1
102	Ioannis K. Argyros and S. George	Expanding the convergence Domain of Newton–like methods and applications in Banach space	Journal of Mathematics	47	1	1	13	2015	0129-167X	
103	I.K.Argyros and S. George	On a sixth order Jarratt-type method in Banach spaces	Asian-European J. Math	8				2015	1793-5571	10.1142/S1793557115500655
104	I.K.Argyros and S. George	A unified local convergence for Chebyshev Halley-type methods in Banach space under weak conditions	Stud. Univ. Babes-Bolyai Math	60	3	463	470	2015	0039-3436	
105	I.K.Argyros and S. George	Ball convergence theorems for for King's fourth-order iterative methods under weak conditions	Nonlinear Functional Analysis and Applications	20	3	419	428	2015	1229-1595	
106	I.K.Argyros and S. George	Iterative Regularization Methods For Nonlinear Ill-Posed Operator Equations With M-Accretive Mappings in Banach Spaces	Acta Math. Scind.	35	B(6)	1318	1324	2015	0001-5962	
107	I.K.Argyros and S. George	Ball Convergence for some efficient iterative methods	EPAM	1	1	47	62	2015		
108	I.K.Argyros and S. George	On the local convergence of a Sharma-type optimal eighth-order method	EPAM	1	1	63	78	2015		
109	I.K.Argyros and S. George	Ball convergence theorem for Hansen-Patrick type methods with third and fourth order of convergence under weak conditions	EPAM	1	1	1	16	2015		
110	I.K.Argyros and S. George	Local convergence of Deformed Jarratt-type Methods in Bnach space without inverses	AEJM					2015	1793-5571	10.1142/S1793557116500157
111	I.K.Argyros and S. George	Ball convergence of some fourth and sixth order iterative methods	AEJM					2015	1793-5571	10.1142/S1793557116500340
112	I.K.Argyros and S. George	Local convergence for a multi-point family of super-Halley methods in Banach space under weak conditions	Applicationes Mathematicae, Appl. Math. (Warsaw)	42	2015	193	203	2015	1233-7234	

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113	I.K.Argyros and S. George	Local convergence of a uniparametric Halley type method in Banach space free of second derivative	ANVI	18	2	48	57	2015	1092-910X	
114	I.K.Argyros and S. George	Ball convergence for an inverse free Jarratt-type method under Holder conditions	Int. J. Appl. Comput. Math					2015	2349-5103	10.1007/s40819-015-0095-x
115	I.K.Argyros, S. George and M.E. Shobha	Local Convergance for a Family of Iterative Methods based on Decomposition Techniques	Applicationes Mathematicae						1233-7234	10.4064/am2261-12-2015
116	Ioannis K. Argyros and S. George	Improved local convergence analysis of inexact Newton-like method under the majorant condition	Applicationes Mathematicae						1233-7234	10.4064/am2240-11-2015
117	I.K.Argyros and S. George	Improved local convergence analysis of inexact Newton-like method under the majorant condition	Applicationes Mathematicae					2015	**1233-7234**	10.4064/am2240-11-2015.
118	V Antony Vijesh, Rupsha Roy and G Chandhini	A modified quasilinearization method for fractional differential equations and its applications.	Applied Mathematics and Computation 266	266		687	697	2015	0096-3003	
119	B S Panda, D P Shetty	Strong minimum energy hierarchical topology in wireless sensor networks	Journal of Combinatorial Optimization			1	14	2015		DOI 10.1007/s10878-015-9869-7
120	B. Roopashri Tantri and Murulidhar N. N.	MVUE of failure rate for exponential class software reliability models	International Journal of Advanced Research in Computer Science and Software Engineering	vol. 5	4	347	350	2015	2277 128X	
121	P. Sam Johnson and G. Ramu	*Class of Bounded Operators associated with an Atomic System*	Tamkang Journal of Mathematics	46	1	85	90	2015	**0049-2930**	
122	Dasgupta, Rama Govindarajan, and Sreenivas, K. R.	The effect of initial momentum flux on circular hydraulic jum	ASME Journal of Fluids Engineering	137	6	613011	613017	2015	0098-2202	10.1115/1.4029725
123	S M Hegde and Lolita Priya Cestellino	Harmonious colorings of regular digraphs	J. Graph labellling	1	1	55	63	2015		
124	S M Hegde and Lolita Priya Cestellino	Harmonious colorings of digraphs	ARS Combinatoria	119	3	339	352	2015		
125	Srinivasa Rao Kola and Pratima Panigrahi	Radio Numbers of Some Caterpillars	Electronic Notes in Discrete Mathematics	48		289	296	2015	1571-0653	10.1016/j.endm.2015.05.043
126	I.K.Argyros and S. George	Improvements of the local convergence of Newton's method with fourth-order convergence	Asian Journal of Mathematics and Computer Research	7	1	9	17	2016	2395-4205	
127	I.K.Argyros, S. George and M.E.Shobha	Local Converegence Of Sixth Order Newton-Like Methods Based On Stolarsky And Gini Means	AJOMCOR	8	4	306	316	2016	2395-4205	
128	Vorkady.S.Shubha, Santhosh George, P. Jidesh and M. E. Shobha	Finite dimensional realization of a quadratic convergence yielding iterative regularization method for ill-posed equations with monotone operators	Applied Mathematics and Computation	273	2016	1041	1050	2016	0096-3003	
129	I.K.Argyros and S. George	Ball convergence of a sixth order iterative method with one parameter for solving equations under weak conditions	Calcolo						0008-0624	10.1007/s10092-015-0163-y

130	I.K.Argyros and S. George	Improved local convergence for Euler-Halley like methods with a parameter	Rend. Circ. Mat. Palermo						0009-725X	10.1007/s12215-015-0220-z
131	I.K.Argyros and S. George	Improved local convergence analysis of inexact Newton-like method under the majorant condition	Applicationes Mathematicae					2015	**1233-7234**	10.4064/am2240-11-2015.
132	I.K.Argyros, S. George and M.E. Shobha	Local Convergance for a Family of Iterative Methods based on Decomposition Techniques	Applicationes Mathematicae						**1233-7234**	10.4064/am2261-12-2015