BIO-DATA

Name	:	Dr. S.Srilakshmi
Designation	:	Aisstant Professor (Adhoc)
Father's Name	:	S.Ramachandra Rao
Date of Birth	:	16-02-1970
Nationality	:	Indian
Religion	:	Hindu
Official address	:	Department of Mathematics JNTUA, College of Engineering Anantapur JNTU, Anantapur -515002.
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Details of Educational qualification:

Exam passed	Board(or)University	Year of Passing	Division	% of Marks	Specialization
Ph.D.	J.N.T.U.(A) Anantapur	2012			Number Theory and cryptography

M.C.A.	I.G.N.O.U	2004	First	66.7	
M.Phil.	S.K.University,Ananta pur.	1995	Distincti on	78	Fluid Dynamics
M.sc	S.K. University Anantapur	1992	First	68.9	Pure Mathematics
B.Sc	Government Degree college Anantapur	1990	First	73.4	Mathematics, Physics, Chemistry
Intermedia te	Board of Intermediate education, S.S.B.N.Junior College Anantapur	1997	First	73.3	Mathematics,Physics, Chemistry.
O.S.S.C	Board of Secondary School education Sri Vidhayaranya oriental High School ,Anantapur	1985	Distincti on	80	English,Hindi,Telugu, Mathematicss,Science,Sans krit.

Teaching Experience : 13– Years(in various Engineering college including J.N.T.U(A)and (H).)

5 years in Government Polytechnic

Research Experience : 5 – Years

Seminars,conferences, Symposia,Workshops etc. attended

National conferences attended : 11

International conferences :10

National workshops attended :20

National seminars   :1

Paper publications in international journals: 25

PUBLICATIONS

S.No	NAME OF THE AUTHORS	TITLE OF THE PAPER	NAME OF THE JOURNAL	PAGE No's, VOL & YEAR OF PUBLICATION	ISSN & ISBN No's
1	B.Krishna Gandhi S.Srilakshmi	Modified encryption schemes based on N-based canonical number system	International Journal of Mathematical Science and Engineering Applications.	Vol 5 NoIV July PP285-292 2011	ISSN 0973-9424
2	B.Krishna Gandhi S.Srilakshmi	Secret Sharing methods based on double based number system	International Journal of Mathematical Science and Engineering Applications.	Vol 5 NoIV November 2011 PP147-154	ISSN 0973-9424
3	B.Krishna Gandhi S.Srilakshmi	Secret sharing methods based on N-Based Number system	International Journal of Mathematical Science and Engineering Applications.	Vol 5 NoIV November 2011 PP109-114	ISSN 0973-9424

4	B.Krishna Gandhi S.Srilakshmi	New encryption method based on double based canonical number system	International Journal of Engineering Science and Technology	Vol 3 No 7 July 2011 pp 5992-5994	ISSN 0975-5462.
5	B.Krishna Gandhi S.Srilakshmi	New encryption scheme for digital signal using finite state machines(Process switching function)	International Journal of Multidisciplinary Research and Advances in Engineering	Vol3 No4 November2011 pp377 - 382	ISSN0975-7074
6	B.Krishna Gandhi S.Srilakshmi	Encryption of data strems using new finite state machines	International journal of mathematical science and engineering applications	Vol5 NoIv November 2011 pp175-179	ISSN0975-9424
7	B.Krishna Gandhi S.Srilakshmi	New encryption schemes using recurrence relation of order 2and finite state machines.	International Journal of Multidisciplinary Research and Advances in Engineering	Vol 4 No IV January 2012 pp17-26	ISSN0975-7074
8	B.Krishna Gandhi A.Chandra Sekar S.Srilakshmi	Cryptographic scheme for digital signals using finite state machines.	International journal of computer applications	Vol29 –No6 September 2011	ISSN 0975-8887
9	B.Krishna Gandhi A.Chandra Sekar S.Srilakshmi	Encryption of data streams using pauli spin ½ matrices and finite state machines	International journal of computer applications	Vol 37 No2 January 2012	ISSN 0975-8887
10	A.Chandra Sekar S.Srilakshmi	New encryptions schemes using finite state	International journal of computer	Vol4 no3 march 2012 pp82-84	ISSN2229-5208

		machines and the operation concatenation	information systems		
11	B.Krishna Gandhi S.Srilakshmi	Cryptographic protection of digital signals using mathematical device eigen values of the given secret key matrix	International journal of management studies , statistics and applied economics	Vol2 no1 june 2012 pp77-84	ISSN 2250-0367
12	B.Krishna Gandhi S.Srilakshmi	Secret sharing methods based on Residue number system	International journal of theoretical and applied physics	Vol2 no1 june 2012 pp73-80	ISSN2250-0634
13	P,A,Joythirmaye, S.Srilakshmi A.chandra Shekar S.Umadevi	Cryptographyic Secret sharing schemes using finite state machines and LU decomposition	International Journal of Mathematical Archive	4(3),2014 pp209-214	ISSN 2229-5046
14	S.Srilakshmi	Dual Stegnography scheme for secure data communication using finite state machine	International journal of advance research in computer science	Vol 5 No 4 April 2014 pp1-3	ISSN 0976-5697
15	Dr.S.Srilakshmi M.V.S.S.N.Prasad	Stegnography encryption schema using finite state machine and concatenation	International Journal of Mathematical Archive	5(6),2014 pp19-22	ISSN 2229-5046
16	S.Srilakshmi	Encryption schemes for secure data communication using finite state machine	Elsevier publications	Proceedings of international conference on Mathematical Science	ISBN - 978-93-5107-261-4

2. Conferences

a. International conferences

S,No	Title of paper	Authors	Name ,volume of Journal and year
1.	Data encryption scheme using graph structure and finite state machine	Prof B.Krishna Gandhi S.Sri Lakshmi	Proceeding of International conference on Applications of Mathematical and statistical tiruchi 5 -7 January 2012 PP.699-705
2.	Self generating encryption secret key encryption scheme using finite state machine	S.Sri Lakshmi	Proceeding of International conference on Computers and communications 27 28 January 2012 Bhopal PP. 882-885.
3	New encryption schemes using finite state machines	S.Srilakshmi	4th international conference Bengal institute of technology and management santhineketan 21-23 January 2012
4	Cryptographic protection of digital signals using finite state machine and 1 to 1 mapping of set of values	S.Srilakshmi	International conference on Advanced computing methodologies 2013 held on Aug 2,3 2013 at Gokaraju Rangaraju institute of engineering and technology hyderabad
5	Secret sharing scheme to generate multiple keys in NTRU cryptosystems	S.Srilakshmi	International conference on mathematics , statistics and computer engineering 2013 held on august 9,10, 2013 at kochi
6	Stegnography encryption scheme using finite state machine	S.Srilakshmi	International conference on smart systems ICSS-2013 held on October 7,8,2013 at J.B institute of engineering and technology Hyderabad.
7	Encryption schemes for secure data communication using finite state machine	S.Srilakshmi	International conference on mathematical science held on july 2014 at sathyabhama university chennai

b. National conferences

S,No	Title of paper	Authors	Name ,volume of Journal and year
1.	New encryption scheme for digital signals using finite state machine	Prof B.Krishna Gandhi S.Sri Lakshmi	Proceeding of National conference on Mathematical and statistical modeling in innovative areas BITS Ranch Oct 19 2011 PP. 174 -177.
2	New encryption scheme using double based number system	S.Srilakshmi	National conference mathematics vizag 15-16 april 2011
3	Secret sharing methods based on residue number system	S.Srilakshmi	National seminar on recent trends in mathematical sciences 17-18 December 2011 S.K.U Ananatapur
4	Encryption of data streams using pauli spis ½ matrices and finite state machines using matrix multiplications	S.Srilakshmi	National seminar on modern trends in mathematical and physical sciences 20-21 January 2012 Nuzivid
6	New encryption scheme using the game of life	S.Srilakshmi B.Krishna Gandhi	N CMAET JNTU 22-23 December 2011 Anantapur

7	Theorems on quantum algebra	S.Srilakshmi	National seminar on recent development in algebra held on 29,30 November 2013 at S.K.U
8	Dual stegnography scheme for secure data communication using finite state machine	S.Srilakshmi	National conference on innovations and advancements in computing 2014held on 28,29 march 2014 at GITAM university Hyderabad.
9	New encryption scheme based on double based connonical number systems using super imposition operation	S.Srilakshmi	10th Annual conference of ADMA held on 10,13 june 2014 at REVA institute of Technology
10	Text steganography using reflexive symmetry	S.Srilakshmi	National seminar on Frontiers in Mathematics held on 18,19 march 2015 at yogivemana university kadapa
11	Information security using RSA algorithm and finite state machine	S.Srilakshmi	National conference on 5 may 205 at KSIT Bangalore

Workshops and seminars

s.no	Works shops	Topics presented	Sponsoring agency, place and date
1	Innovation teaching and learning methods in mathematics	Teaching methods	J.N.T.U(A) Anantapur 29-31 January 2009

2	National level instruction workshop on cryptology	Cryptology	Amrita vishwa vidyapeetham Coimbatore 8-12 may 2011
3	National level seminar on recent trends in discrete mathematics	Discrete mathematics	Gayatri vidhya prishad engineering college vizag February 2011
4	National workshop on mathematical and computational methods in fluid dynamics	Fluid dynamics	J.N.T.U Anantapur on 10-1-2013- to 11-1-2013
5	National work shop on Mathematical modeling and its applications for engineers and scientists	Applications of mathematics	J.N.T.U Hyderabad,30 August 2013
6	National lelvel workshop on natural language processing	Artificial intelligence	J.N.T.U Anantapur on 7-12-2013- to 8-12-2013
7	National workshop on vedic mathematics	Vedic mathematics	J.N.T.U Anantapur on 28-1-2014
8	Faculty development program	Computational methods for flow and heat transfer analysis –applications of CFD tools	J.N.T.U Anantapur on 10-3-2014- to 23-3-2014
9	Conference workshop on semi graphs	Semi graph	Reva institute of technology bang lore on 5-6-2014 to 9-6-2014
10	National level workshop on research methodologies and LATEX	LATEX	Madanapalle institute of technology and science on 21-2-2015 to 22-2-2015
11	Faculty development programme on agile methodologies	Soft ware engineering	J.N.T.U Anantapur on 28-2-2015
12	National workshop on NBA criteria and accreditation	NBA Criteria	J.N.T.U Anantapur on 3-

	process		3-2015
13	Faculty development programme on how to teach mathematics to engineering students	Mathematics	J.N.T.U Anantapur on 14-3-2015- to15-3-2015