

ACADEMIC CURRICULAR ACTIVITIES UNDERTAKEN BY DEPARTMENT OF MCA

Year	Names of Seminars organised (State/National Level)	Names of some dignitaries (who are attended)	Whether Proceedings published	Title of the Proceedings
2007-08	(1)Seminar On Data Mining And Warehousing(SDMW) 4th and 5th April , 2008.	1.Prof. N.Sitaramnath,Chaitanya College Of Engineering,Vizag. 2.Prof PS Aavdhani,AU College Of Engg, Vizag. 3.Prof.DVLN Somayajulu,NIT Warangal. 4.Prof K.Srinivasaaaaarao,Sept Of Statistics, AU,Vizag. 5.Sri N.rajasekhar Sr Consultant GE BI Satyam Computers,Hyderabad.	YES	Proceedings of Seminar On Data Mining And Warehousing(SDMW) 4th and 5th April , 2008.
	(2)Workshop on embedded Systems & Digital Signal Processing(WESDSP) 12th April 2008.	1.Prof. M.Surendra Prasad Babu, HOD, Dept.of CS&SE, A.U. Engg. College, Visakhapatnam 2.Prof. B.V.S.Kanta Rao, Senior Professor, G.V.P. Engg. College, Visakhapatnam. 3.Prof. K.Sambasiva Rao, HOD Dept of Physics, AU College of Science & Technology, AU, Visakhapatnam 4.Prof.M.Purnachandra Rao,Director,University Science Instrumentation Centre(USIC), AU College of Science & Technology, AU, Visakhapatnam 5.Sri.N.S.S.Ramana Murthy, Senior Software Engineer, Satyam Computers,	----	-----

		Hyderabad. 6.Sri S.Swethachalapati, CEO, Techcel, Visakhapatnam 7.Smt.M.Vijaya, Scientist-D , NSTL, Visakhapatnam.		
2008-09	(2)A one-day orientation programme on “PC Hardware & Troubleshooting” 21st December 2008.	-----	-----	-----
2010-11	National Seminar on “Translational Research in Bioinformatics and T2DM” 17th and 18th April, 2011.	1.Prof Allam Apparao VC, JNTUK, Kakinada. 2.Dr Amit Kumar CEO,BioAxis DNA Research Center, Sec’bad. 3.Dr. U. N Das, MD,FAMS, President and Founder of UND Life Sciences,USA 4.Dr GR Sridhar 5.Dr. D.C.Kara	YES	Proceedings of National Seminar on “Translational Research in Bioinformatics and T2DM” 17th and 18th April, 2011.
2011-12	National Seminar on “Privacy Preserving and Trust Management”(NSPPTM). 24th & 25th March, 2012	1.Prof PS Avadhani,Dept. Of CSSE,AU College Of Engineering , VSP. 2.Dr Amit Kumar CEO,BioAxis DNA Research Center, Sec’bad. 3.Shri Pradeep Kumar Sharma,Security Analyst,Institute for Information Security,Hyderabad.	YES	Proceedings of National Seminar On Privacy Preserving And Trust Management 24th & 25th March, 2012

Major /Minor Research Projects

S. No	Name of the faculty	Title of the Project	Period	Major / Minor	Sponsoring Agency	Amount Sanctioned	Status
1	Smt.I.S.Pallavi	Privacy Preserving using Segment based Visual Cryptography	3years (2011-2014)	Major	UGC	Rs.9,60,000/-	Completed
2	Smt. P.V.S.L. Jagadamba	Statistical models for Prediction of Financial Events using Data Mining	3 years (2009-2012)	Major	UGC	Rs.9,55,000.	Completed
3	Mr.P.Venkata Rao	Design And Development Of The Expert System For Understanding Human And Computer Through Image (Pattern) Recognition With Neuro Signals From The Brain	2 year (2008-2010)	Minor	UGC	Rs. 1,30,000/-	Completed
4	Mr.B.L.Srinivas	Network Tomography	2005-06	Minor	UGC	Rs. 80,000/-	Completed
5	Mr.N Venu Gopal	Estimation of Available Bandwidth for Network paths	2005-06	Minor	UGC	Rs. 80,000/-	Completed

Faculty Enrolled/achieved/submitted for Ph.D in Computer Science Engineering

Sl.No	Name of the Faculty	University	Year of Enrollment	Name of the Guide/Area	Status
1	IS Pallavi	Andhra University	2008	P.S.Avadhani- Network Security	Awarded(2013)
2.	P.Venkata Rao	Andhra University	2010	Prof.P.S.Avadhani- Network Security	Pursuing
3.	Bh Padma	GITAM	2014	Mr GVS Rajkumar- Network Security	Submitted(2018)
4.	D Chandravathi	GITAM	2014	Smt PV Lakshmi -Network Security	Submitted(2018)

PUBLICATIONS

S.No	Name of the Faculty	Dept.	Year of Publication	Title of the Paper	Name of the Journal/Proceedings
1	Smt. I.S. Pallavi	MCA	2015	Authentication Technique Using Visual and Textual Passwords against Key Loggers, Shoulder Surfing and Dictionary Attacks	JCT Journals: Volume 4, Issue 5 May 2015
			2012	A paper on "Segment Based Visual Cryptography For Key Distribution"	International Journal of Computer Science and Engineering Survey (IJCSES),
			2012	A paper on "PRIVACY PRESERVING THROUGH SEGMENT-BASED VISUAL CRYPTOGRAPHY" .	An International Journal (ACIJ),
			2012	A protocol for secret sharing using segment based visual cryptography	IJCST
			2012	Performance Evaluation of integrated fish eye dymo protocol for MANETS	Privacy Preserving and Trust Management
			2011	A paper on "A Novel Multiple Visual Secret Data Hiding Scheme"	International Journal of Computer Science and Information Technologies(IJCSIT),
			2011	A paper on "Permutation based Image Encryption Technique	International Journal of Computer (IJCA) Applications (0975 – 8887)
			2011	A paper on "Multiple Image Secret Sharing Scheme"	20th International Conference on Software Engineering and Data Engineering (SEDE-2011), at Las Vegas, USA
			2007	A paper on "Secure Visual Secret Sharing Scheme "	world conference on Integrated Design and Process technology" held at Antalya, Turkey
			2007	A paper on "Resilient Tera Bit clustering"	National conference on current trends of Information Technology, held at Bhubaneswar, India in 2007.Published in proceedings

2	Sri P.Venkata Rao	MCA	2018	Implementation of Multi-Authentication Techniques to Provide High Security	Symposium on “Contributions of Life Sciences and Biodiversity for Human Welfare”
			2010	“Prediction of Protein Secondary Structure using Artificial Neural Network	International Journal of Computer Science and Engineering“;
			2012	Performance Evaluation of New Symmetric Key Algorithm using AES	Privacy Preserving and Trust Management
			2012	Secured Access through ATM Services using strong password and Iris Biometric Technology	Privacy Preserving and Trust Management
3	Smt Bh. Padma	MCA	2017	“Dynamic Salt Generation for Mobile Data Security using Elliptic Curves against Precomputation Attacks”.	IJIM , Vol 2 No 3/4 pp:179-194
			2018	“Preventing Security Attacks on Mobile Pattern Passwords.”	IJRASET, Volume 6, Issue III.
			2017	“Dynamic Salt Generation for Mobile Data Security using Elliptic Curves against Precomputation Attacks”.	IJIM , Vol 2 ,No 3/4 pp:179-194
			2016	“A Review on Android Authentication System Vulnerabilities”.	IJMTER, (ISSN-2349-745),Volume 3, Issue 8, pp:118-123.
			2016	Design and Analysis of an Enhanced SHA-1 Hash Generation Scheme for Android Mobile Computers	IJAER Volume 11 No 4
			2015	A Review on Android Mobile Password Locks and Security Issues	CRTRICSE-2K15 May 2nd-3rd
			2014	Efficient Computation of Point Multiplication in the implementation of Elliptic curve Cryptography	STM Journals
			2014	Efficient Computation of Point Multiplication in the implementation of Elliptic curve Cryptography	National conference on emerging technologies in Computer Science (NCETCS’14),JNTUK and IEEE
			2012	Addition Subtraction Method for Scalar Multiplication in the implementation of elliptic curve cryptography	Privacy Preserving and Trust Management
			2012	Performance evaluation of New Symmetric Key Algorithm using	Privacy Preserving and

				AES	Trust Management
			2012	Selecting a plaintext in Rabin Cryptosystems using padding generated by Pseudorandom-Generators” ,	The IUP Journal Of Publications
			2011	A simple Message Encryption Scheme based on Amino Acid Protein Sequence	Translational Research in Bioinformatics and T2DM
			2010	Encoding and Decoding of a message in the implementation of elliptic curve cryptography using Koblitz’ Method’ ,	IJCSE
			2010	Implementation of Optimizing point multiplication in elliptic curve cryptography using binary method’ ,	JCS
4	Smt. D. Chandravathi	MCA	2018	Data Encryption using Binary Tree Traversal	Symposium on “Contributions of Life Sciences and Biodiversity for Human Welfare”
			2018	“Comparision of Homomorphic Encryption Algorithms”	IJRASET, Volume 6, Issue III.
			2017	“Performance Analysis of modified RSA and RSA Homomorphic Encryption Scheme for Cloud data Security” .	IJAR, Res. 5(2), 275-281, ISSN: 2320-5407.
			2017	“Hybrid homomorphic Encryption algorithm for cloud Data Security” .	ACST,ISSN:0973-6107, Volume 10, No 5.
			2016	“Homomorphic Encryption Scheme using Hill-Cipher for Cloud Data Security” .	IJAIST, (ISSN: 2319-2682), Volume 53, no 53. pp:28-32
			2016	A study on Homomorphic Encryption for Cloud Security	IJESC Volume 6
			2015	An Emperical Study on Homomorphic Encryption for Cloud Security	CRTRICSE-2K15 May 2nd-3rd
			2014	Efficient Computation of Point Multiplication in the implementation of Elliptic curve Cryptography	STM Journals
			2014	Efficient Computation of Point Multiplication in the implementation of Elliptic curve Cryptography	National conference on emerging technologies in Computer Science (NCETCS’14),JNTUK and IEEE
			2012	Performance evaluation of New Symmetric Key Algorithm using AES	Privacy Preserving and Trust Management
			2012	Addition Subtraction Method for Scalar Multiplication in the implementation of elliptic curve cryptography	Privacy Preserving and Trust Management

			2011	“Prediction of Species Relations using leader-sub leader algorithm,	Translational Research in Bioinformatics and T2DM
			2010	“Classification of Different Species Families using Clustering Algorithm	“International Journal of Computer Science and Engineering
			2010	’Encoding and Decoding of a message in the implementation of elliptic curve cryptography using Koblitz’ Method’,	IJCSE.
			2010	Selecting a plaintext in Rabin Cryptosystems using padding generated by Pseudorandom-Generators” ,	The IUP Journal Of Publications
			2010	Prediction of Species Relations using leader-subleader algorithm”,is published in DST .	translational Research in Bioinformatics
5	Smt. P. Ratna Pavani	MCA		Text message cryptography using musical nodes	Symposium on “Contributions of Life Sciences and Biodiversity for Human Welfare”
			2015	Authentication Technique Using Visual and Textual Passwords against Key Loggers, Shoulder Surfing and Dictionary Attacks	JCT Journals: Volume 4, Issue 5 May 2015
			2012	Performance Evaluation of New Symmetric Key Algorithm using AES	Privacy Preserving and Trust Management
			2012	Secured Access through ATM Services using strong password and Iris Biometric Technology	Privacy Preserving and Trust Management
6	Sri G. Hanumantha Rao	MCA	2012	Performance Evaluation of integrated fish eye dymo protocol for MANETS	Privacy Preserving and Trust Management
7	Sri.G. Venkateshwara Rao	MCA	2011	Implementation of Impulse Noise Reduction Method to Color Images using Fuzzy Logic	Global Journal of Computer Science and Technology
8	Sri. D. Suresh Kumar	MCA	2015	An Efficient Frequent Pattern Mining using Boolean Matrix and Transaction Reduction Technique	IJCSIT
			2014	Novel Dissimilarity algorithm for Prediction of Pathological diseases of different persons	International Journal of Computer Science and Information Technologies
			2012	Novel Dissimilarity Algorithm for Content Based Image Retrieval	National conference on emerging technologies in Computer Science (NCETCS’14),JNTUK and IEEE