

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

RESEARCH AND CONSULTANCY

PREAMBLE

Research and Consultancy flourishes the young minds and experienced faculty work synergistically to acquire new scientific knowledge, design novel methodologies in all the fields of Computer Science & Applications and to develop new tools and techniques to expedite problem solving with special emphasis on rural and socially relevant issues.

THRUST AREAS IN THE DEPARTMENT

- ✚ Data Analytics
- ✚ Artificial Intelligence and Machine Learning
- ✚ Network Security and Applications
- ✚ Cloud Computing

GRANTS

The Department has received Project Grant as listed below:

Sl. No.	Name of the Faculty	Title of the Project	Funding Agency	Year of Sanction	Duration	Amount (Rs. In Lakhs)	Status
1.	Dr. K. Suneetha	Modernization and Removal of Obsolescence - Rural (MODROB -RURAL) titled "Artificial Intelligence and Machine Learning in Cloud Laboratory (AIMLC)"	AICTE	2020	2 years	9.63	Ongoing
2.	Dr. K. Suneetha	EZ - NEWS: An Application To Provide News Articles As Per Individual Preferences	UGC- MRP	2015	2 Years	0.6	Completed
3.	Dr. RMD Shafi	Modernization and Removal of Obsolescence scheme	AICTE	2013	1 Year	2.65	Completed

Sl. No.	Name of the Faculty	Title of the Project	Funding Agency	Year of Sanction	Duration	Amount (Rs. In Lakhs)	Status
		(MODROBS)					
4.	Mr. Y. Kiran Kumar	SUNAYAS MATH- A Mathematical Tool for Young Minds	DST(NCSTC Division)	2013	1 Year	2.65	Completed

PUBLICATIONS

Papers Published by faculty in National/ International Conferences and Journals:

Sl. No.	Name of the Author(s)	Designation	Name of the Journal	Title of the paper	Vol. No and Page nos.	Year	Indexed
1.	Dr. K. Suneetha Ms. K. Manasa	HOD Associate Professor Assistant Professor	UGC care Journal- Test Engineering and Management	Predictive Analytics of Dengue Disease using Machine Learning Classification Approaches	ISSN: 0193-4120 Vol. 83 P.P. 5684-5689	2020	Scopus
2.	Dr. K. Suneetha Ms. K. Manasa	Associate Professor HOD Assistant Professor	UGC care Journal- Test Engineering and Management	Recommender System based On Face Book Social Network Analysis Using Deep Collaborative Filtering	ISSN: 0193-4120 Vol. 83 P.P. 5759-5763	2020	Scopus
3.	Y. Kiran Kumar	Assistant Professor	International Journal of Scientific and Engineering Research (IJSER)	Secure Data Storage in Cloud Computing using RSA Algorithm.	ISSN 2229-5518 Volume 10, Issue 4, Page No. 1194-1199	2019	Scopus
4.	Dr. K. Suneetha & M. Sreekanth	Associate Professor & Head, Assistant Professor	2nd International Conference on Computing, Communications and Data Engineering(CCOD E-2019)	Smart Home Automation System Using IoT Devices	CCODE-2019 at SPMVV, Tirupati.	2019	--
5.	Y. Kiran Kumar	Assistant Professor	International Journal of Engineering and Advanced Technology	Key-Enforced Access Control and Performance Analysis of DES and RSA Cryptography in Cloud Computing.	ISSN: 2249-8958 (Online) Volume-1 Issue-1, Page No. 7220-7225	2019	Scopus

Sl. No.	Name of the Author(s)	Designation	Name of the Journal	Title of the paper	Vol. No and Page nos.	Year	Indexed
6.	Dr. K. Suneetha & M. Sreekanth	Associate Professor & Head, Assistant Professor	Emerging Research in Data Engineering Systems and Computer Communications. Advances in Intelligent Systems and Computing, Springer, Singapore	Smart Home Monitoring and Automation Energy Efficient System using IoT devices	ISBN: 978-981-15-0135-7. Vol.1054. pp. 627 - 637,	2019	Scopus
7.	Y. Kiran Kumar	Assistant Professor	International Research Journal of Engineering and Technology (IRJET)	Model-Driven Platform for Service Security and Framework for Data Security and Privacy Using Key Management in Cloud Computing.	e-ISSN 2395-0056 ,Volume 06, Issue 10, Page No. 1464-1470	2019	Scopus
8.	Y. Kiran Kumar	Assistant Professor	National Conference on Advanced Computing (NCAC-2019)	An Efficient and Secure Data Storage in Cloud Computing using RSA Algorithm	NCAC-2019 at Bharathiar University, Coimbatore	2019	--
9.	Mr. K. Muni Sankar	Assistant Professor	National Conference, on Development in Information and Communication Technology for Emerging Regions	Introduction to Intelligence IOT in Industrial and its Applications	Dept of CSE, SPMVV, Tirupati	2019	--
10	Dr. K. Suneetha & M. Sreekanth	Associate Professor & Head, Assistant Professor	<i>SSRN Elsevier</i>	<i>An Intelligent Traffic Signal Control System for Ambulance using IoT</i>	DOI: 10.2139/ssrn.3167212, Vol. 01 Issue No.03.	2018	Scopus
11	Dr. K. Suneetha & M. Sreekanth	Associate Professor & Head, Assistant Professor	<i>SSRN Elsevier</i>	<i>An Advanced Method for Detecting Road Traffic Signs Using IoT Devices</i>	DOI: 10.2139/ssrn.3167219, Vol. 01 Issue No.03	2018	Scopus

Sl. No.	Name of the Author(s)	Designation	Name of the Journal	Title of the paper	Vol. No and Page nos.	Year	Indexed
12	Dr. K. Suneetha & M. Sreekanth	Associate Professor & Head, Assistant Professor	<i>International Conference on Universal Computing, Communications and Data Engineering (CCODE-2018)</i>	<i>A Novel Approach for Road Symbol Detection using Sensors</i>	CCODE 2019 at SPMVV, Womens University, Tirupati	2018	--
13	Y. Kiran Kumar	Assistant Professor	International Conference on Computing, Communications & Data Engineering	Identification of Major Security Issues and suggested measures in Cloud Computing	SPMVV, Tirupati.	2018	--
14	Mr. G. Jagadeesh Kumar & Mr. T. Naresh	Assistant Professor Assistant Professor	National Conference on "Emerging Trends in Information Processing (ETIP2k17)	Ensuring File Integrity in Cellular Devices Using 512 Bit Collision Resistant Hash Function	Organized by CSE Dept at Aditya Institute of Technology and Management (Autonomous), Tekkali, Andhra Pradesh.	2017	--
15	Mr. G. Jagadeesh Kumar & Mr. T. Naresh	Assistant Professor Assistant Professor	National Conference on "Emerging Trends in Information Processing (ETIP2k17)	Classifier Efficiency on Qualitative and Quantitative Data	Organized by CSE Dept at Aditya Institute of Technology and Management (Autonomous), Tekkali, Andhra Pradesh.	2017	--

MOUs

1. nVipani Technology Solutions, Pvt. Ltd, Bangalore
2. CloudByte Technologies India Pvt, Ltd. Bangalore

3. Comp India Infotech Pvt Ltd, Tirupati
4. SyngyMAXIM Solutions Pvt. Ltd, Hyderabad
5. Impled Technologies, Pvt. Ltd, Bangalore