Profile

Name of the Faculty	Dr. Krishna Jyothi
Designation	Associate Professor
Department	CSE
Area of Interest	IoT , Information Security, Wireless Networks
Subjects Taught	CN, C Programming, DS, DBMS,CD
JNTUH Registration Id	46150406-15590
College Staff Code	SC1579

Educational Qualifications:

S. No.	Degree	Specialization	University/College	Year
1	B. Tech	CSE	JNTUH	2008
2	M. Tech	SE	JNTUH	2010
3.	PhD	IoT	REVA University	2021

Publications:

S. No.	Publication details
1	Gaddameedhi, S., Srilakshmi, K., Jyothi, K. K., Kalyani, G., Aryan, Y., Sumanth, K., & Palanivelu, A. (2021). "Hybrid Controller Based Solar-Fuel Cell Integrated UPQC for Power Quality

	Enhancement". International Journal of Renewable Energy Research (IJRER), 11(4), 1673-1683.
2	Jyothi, K. Krishna, and Shilpa Chaudhari. "Optimized neural network model for attack detection in LTE network." Computers & Electrical Engineering 88 (2020): 106879.
3	Jyothi, K. Krishna, and Shilpa Chaudhari. "A novel block chain based cluster head authentication protocol for machine-type communication in LTE network: Statistical analysis on attack detection." Journal of King Saud University-Computer and Information Sciences (2020).
4	Jyothi, K. Krishna, and Shilpa Chaudhari. "A novel block chain based cluster head authentication protocol for machine-type communication in LTE network: Statistical analysis on attack detection." Journal of King Saud University-Computer and Information Sciences (2020).
5	Krishna Jyothi, K., and Shilpa Chaudhari. "A secure cluster-based authentication and key management protocol for machine-type communication in the LTE network." International Journal of Computers and Applications (2019): 1-11.
6	Krishna Jyothi, K., and Shilpa Chaudhari. "A Survey on Security Aspects of Machine Type Communications in Long Term

	Evolution Networks" Journal of Advanced Research in Dynamical and Control Systems(2018):11-03.
7	Krishna Jyothi,G.Kalyani" A Comprehensive Study on Metaheuristic Techniques Using Genetic Approach"
8	SaiSindhu, Krishna Jyothi, G.Kalyani" Data Security in Cloud for Medical Sciences using AES 512-bit Algorithm" International Journal on Recent and Innovation Trends in Computing and Communication (2015): 1746-1749.
9	Jyothi, K. Krishna, G. Kalyani, and T. Venkat Narayana Rao. "Approaches and Scenarios to Combat Cyber Crime." International Journal of Science, Engineering and Computer Technology 4.12 (2014): 376.
10	Kalyani, G., Jyothi, K. K., Rao, T. V. N., & Rambabu, D. A Comprehensive Study of Mechanisms Dealing Credit Cards to Defy Social Engineering Crimes.
11	Jyothi, K. Krishna, and Shilpa Chaudhari. "Survey on MTC Group Authentication and Key Management for MTC in LTE Networks." ICDSMLA 2019. Springer, Singapore, 2020. 753-759.

Experience:

Teaching	13
Industry	-

Research	-
Total Experience	13