KESHAV MEMORIAL INSTITUTE OF TECHNOLOGY
Narayanaguda, Hyderbad-500029

FACULTY PROFILE

1. **NAME** : Dr. K. Udai Kumar
2. **JNTUH REGISTRATION ID** : 04150407-044411
3. **DATE OF BIRTH** : 14-12-1969
4. **DESIGNATION** : Professor
5. **YEARS OF EXPERIENCE** : 16
6. **UG DEGREE** : B.E (ECE)
7. **PG DEGREE** : MS (CS)
8. **Ph.D(AREA OF THE PH.D WORK):** Ph.D (CS) –(Cognitive Science (AI) and Requirements Engg.)
9. **SUBJECTS TAUGHT** :
   - Software Engineering
   - Cryptography and Network Security
   - Object-Oriented Analysis and Design
   - Artificial Intelligence
   - Computer Networks
10. **PAPER PUBLICATIONS IN INTERNATIONAL JOURNALS:**

i. U. K. Kudikyala and R. B. Vaughn, Software Requirements Understanding using Pathfinder Networks," *CrossTalk: The Journal of Defense Software Engineering*, vol. 17, no. 5, May 2004, pp. 16-25.

ii. U. K. Kudikyala and R. B. Vaughn, "Software Requirements Understanding using Pathfinder Networks: Discovering and Evaluating Mental Models," *Journal of Systems and Software,* vol. 74, no. 1, 2005, pp.101-108

iii. U.K. Kudikyala, Mounika B. and Manasa J., "Graphical Structures of Bayesian Networks by Eliciting Mental Model of Experts" in *Smart Computing and Informatics. Smart Innovation, Systems and Technologies,* vol 77., Satapathy S., Bhateja V., Das S. Eds. Singapore: Springer, 2018, pp.333-341

11. PAPER PUBLICATIONS IN INTERNATIONAL CONFERENCES:

S.No.	Title with Page Nos.	Details of Conference Publication	ISSN/ISBN No.
1	Enhancing Engineering Education with Wikispaces	*International Conference on Transforming Engineering Education (ICTEE 2017)*	https:// ieeexplore.ieee.org/ document/8585652
2	Using SCRUM and Wikis to Manage Student Major Projects"	3rd *IEEE International Conference on MOOCs, Innovation and Technology in Education (MITE 2015)*	*https:/ ieeexplore.ieee.org/ document/7375279*
3	Graphical Structures of Bayesian Networks by ElicitingMental Model of Experts	*Smart Computing and Informatics. Smart Innovation, Systems and Technologies (SCIST 2017)*	https:// www.springerprofessional.de/en/graphical-structure-of-bayesian-networks-by-eliciting-mental-mod/15322052

12. RESEARCH PROJECTS UNDERTAKEN WITH NAME OF THE SPONSORING AGENCY:

i. Conducting research with Dr. Autar Kaw from University of South Florida, USA to enhance Numerical Analysis course at MVSU funded by National Science Foundation (NSF)

ii. Worked as a Computer Security coordinator for the HBCUP-2 grant with Dr. Constance G. Bland to set up security laboratory and conduct training for the MCIS faculty at MVSU funded by National Science Foundation (NSF)

iii. Conducted summer workshops for K-12 teachers to increase student learning in the STEM areas as part of ITEST grant funded by National Science Foundation (NSF)

13. CONTRIBUTIONS AT THE DEPARTMENTAL LEVEL:

Faculty paper publication evaluator

14. CONTRIBUTIONS AT THE COLLEGE LEVEL:

Chair of SC/ST Cell Committee

15. MEMBERSHIP OF PROFESSIONAL BODIES:

Member of ACM