Short Biography of Dr.Madhavi Gudavalli

Dr.Madhavi Gudavalli received B.Tech(CSIT) from JNTU , M.Tech(CSE) and Ph.D in Computer Science & Engineering discipline from JNTU Hyderabad. She is currently working as Assistant Professor in the department of Computer Science and Engineering at **JNTUK University College of Engineering Narasaraopet**. She is guiding/guided many projects in the areas of image processing, computational intelligence and machine learning for UG, PG and Ph.D students of CSE & IT Departments. Her research interests are in the areas of Biometrics, Pattern recognition, Image Processing, Deep Learning, Cloud and IoT security. Her research articles are accepted in international Conferences and journals and proceedings are published in IEEE, Springer, ACM digital libraries. She is the member of editorial boards, technical committees of IEEE international conferences and peer-reviewed international journals. Her research ideas are protected through **four Patents** in biometrics, cloud computing and embedded systems domains which are published in Indian Patent Journal. She played a vital role in AICTE-NBA Accreditation work at CVR college of Engineering, Hyderabad in 2007. She is conducting/conducted several workshops, seminars and conferences at institutional level. She was sanctioned with Major Research Project entitled **A Next Generation Identity Verification System to Provide Security** in the area of Biometrics as Co-Principal Investigator by **AICTE** under Research Promotion Scheme. In recognition of her outstanding scientific contributions her research articles received Travel grant from **DST** and **UGC**. She is a Life member in different Professional bodies such as ISTE, CSI and fellow member of IEEE. Her research contributions are not only confined to subject area but also extended to other related domains arising out of the new education system, assessment and accreditation, and their impact on Indian Higher Education. As an off shot of research endeavour's her papers were accepted and presented in **World Education Summit (WES 2012-AICTE)** entitled *International Practices In Assessment, Accreditation & Quality Standards In Higher Education,* **ICTIEE- 2014 Poster** entitled *The Institutional Leadership of JNTUK System in Embracing New Paradigms in Engineering Education* and **IEEE-IACC 2016** entitled *Role of ICT in Outcome Based Education.* The hallmarks of her illustrious career include teaching Engineering and Technology and pursuing exemplary research on improving security by using advanced technologies and tools.