**Faculty Profile**



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**Teaching Areas:** Digital IC Applications, Analog & Digital VLSI Design, Microelectronic Circuits, Digital Hardware Design, Mask Design

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**Education:**

* PhD in Electronics and Communication Engineering, GITAM, 2020.
* M.Tech in Digital Systems and Computer Electronics, J.N.T.University, Anantapur, 2004.
* PG Diploma Course in Embedded system Design, University of Pune, 2003.
* B.Tech in Electronics and Communication Engineering, K.L.C.E, Nagarjuna University, 2000.

**Patents: 03 and Funded Projects: 02**

**Research / Selected Publications :( SCIE: 06, Scopus: 24, Scopus h-index: 7 and Google h-index: 7)**

* Movva Pavani and **Kishore K Kumar** (2023). Adolescent Idiopathic Scoliosis Detection Using a Novel Machine Learning Approach, Annals of Forest Research, Vol: 66(1), 169-186. (WoS, Scopus).
* Movva Pavani and **Kishore K Kumar** (2021). Large Scale Air Pollution Monitoring Using Static Multihop Wireless Sensor Networks, International Journal of Computer Aided Engineering and Technology (IJCAET), **Inderscience**,Vol.15, Nos 2/3, PP 294-305, July 2021, **DOI:** 10.1504 /IJCAET.2021.117139 **(Scopus)**
* **Kishore K Kumar** and Movva Pavani(2021). Design of RF Planar Slow Wave Interaction Structure for THz Devices, International Journal of Computer Aided Engineering and Technology (IJCAET), **Inderscience**, Vol.15, Nos 1, PP 58 - 66, May 2021, **DOI:** 10.1504 /IJCAET. 2021. 10020698 **(Scopus)**
* **Kishore K Kumar** and P.Trinatha Rao (2019). Age-Invariant Face Recognition using Multiple Descriptors along with Modified Dimensionality Reduction Approach, Multimedia Tools and Applications**, Springer**, Volume 78, Issue 19, PP 27639-27661, June 2019. **(SCIE, Scopus,WoS)**
* **Kishore K Kumar** and P.Trinatha Rao (2019). Extract Features from Periocular region to identify the Age using Machine Learning algorithms, Journal of Medical Systems**, Springer**, Volume 43, Issue 196, PP 1-15, May 2019. **(SCIE, Scopus,WoS)**
* **Kishore K Kumar** and P.Trinatha Rao (2019). Stride towards Aging Problem in Face Recognition by Applying Hybrid Local Feature Descriptors, Evolving Systems**, Springer** Volume 11(4), 2019. **(ESCI, Scopus)**

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