

Faculty Profile

Name: Dr.K.Kishore Kumar

Designation: Professor, Faculty of Science and Technology, ICFAI University, Raipur

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

Research Interests: Image and Video Processing, Machine and Deep Learning, Wireless Sensor Networks



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**)

Website: <https://kishorekamarajugad.wixsite.com/icfai>