**Faculty Profile**

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**Name**: **Dr.K.Nagaiah**

**Designation**: Assistant Professor, Faculty of Science and Technology, ICFAI University,

Raipur

**Teaching Areas:** Digital Signal Processing, Analog & Digital Communications

Image Processing, Machine Learning, Artificial Intelligence, Internet of Things,

Microprocessor & Interfacing, Digital Logic Design & Digital Electronics and

Computer Organization & ES-II and Deep Learning.

**Research Interests:** Image Processing, IoT based Applications Machine and Deep Learning,

5G & 6G Communication, Medical Imaging and Natural Language processing.

**Education:**

* PhD in Electronics and Communication Engineering, JNTUH Kukatpally Hyderabad Feb’2022.
* M.Tech in Systems and Signal Processing JNTUH Kukatpally Hyderabad 2010.
* B.Tech in Electronics and Communication Engineering, JNTUH Kukatpally Hyderabad 2003.

**Patents: 10**

**Research / Selected Publications: 20 (Scopus: 10, UGC Care 6 and Peer Reviewed 4)**

K.Nagaiah, Dr. K. Manjunathachari, Dr.T.V.Rajinikanth, “Mammogram Image Analysis for Micro calcification Detection with Mammography” Global Journal of Pure and Applied Mathematics (GJPAM) ISSN 0973-1768 Volume 11,Number 2 (2015). **(SCOPUS)**

K.Nagaiah, Dr. K. Manjunathachari, Dr. T.V. Rajinikanth, “Smart Analysis Of Breast Cancer Detection Using Machine Learning Algorithms” Journal of Advanced Research in Dynamical and Control Systems**. (SCOPUS)**

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Dr K Nagaiah Dr. D. Subba rao Dr.Bandi Doss S. Venktesh Dr.P.Prasana Murali Krishna A Novel Design of CMOS Limiting Amplifier. Published/ publié in Res Militaris (resmilitaris.net), vol.12, n°4, December Issue 2022 pages 1174 to 1179. **(SCOPUS**)

K.Nagaiah, Dr. K. Manjunathachari, Dr.T.V.Rajinikanth “Advanced Image Enhancement Method for Mammogram Analysis” 2016 FIFTH INTERNATIONAL CONFERENCE ON RECENT TRENDS IN INFORMATION TECHNOLOGY. DOI: 10.1109/ICRTIT.2016.7569554 IEEE Xplore: 19 September 2016 SBN Information: Electronic ISBN: 978-1-4673-9802-2. **(SCOPUS)**