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Address: Dindigul ,Tamil Nadu,India - 624622

Expertise

Telecommunications

Analog Digital Communication, Switching and Multiplexing, Wireless Sensor Networks, Iot and Robotics, Mobile Networks

Work experience

1. ### PSNA College of Engineering and Technology 2007 — Present

   Associate Professor
   Dindigul

2. ### Jaya Engineering College 2001 — 2007

   Assistant Professor
   Thiruvallur

3. ### Vel Tech 1999 — 2001

   Lecturer
   Thiruvallur

Education

M.Tech - 2006

Dr.MGR Educational Research University,Chennai

2. B.E - 1999

GOVT.COLLEGE OF ENGG.BARGUR

3. DEEE - 1996

VSVN POLYTECHNIC,VIRUDHUNAGAR

Membership In Professional Bodies

1. IAENG, 2019
   LIFE

2. IETE, 1999
   LIFE

Membership In Committees

Publication

1. Spectrum Sensing and Resource Allocation for Frequency Hopping Based CRN Using Hazelnut Tree Search Algorithm

   K. Ramamoorthy ,P. Maniraj Kumar, P. Nagarajan & S. Karthikeyan
   IETE JOURNAL OF RESEARCH, Volume 70, Year 2024, Pages

2. Development of a Virtual Reality Model Using Digital Twin for Real-Time Data Analysis

   K. Ramamoorthy ,Santosh Kumar Sahoo, G. Nalinipriya, P. Santhosh Srinivasan, J. V. N. Ramesh, Navya Soleti
   SN Computer Science, SpringerLink, Volume 4, Year 2023, Pages 549-561

1.

3. Replica Node Detection using Metaheuristic Algorithms in Wireless Sensor

Networks

Bhaskaran R.;Ramamoorthy K.;Fancy C.;Jayasankar T.
International Journal of Engineering Trends and Technology, Volume 70, Year 2022, Pages 339-345

4. Design and fabrication of rectangular microstrip patch antenna at ISM band for medical applications

Thangaselvi E.;Kumaraswamy E.;Ramamoorthy K.;Karthikeyan S.;Chelladurai T.
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5. Design and analysis of square microstrip patch antenna at 2.4 GHz band used for iot based health care monitoring

K. Ramamoorthy ., K. Ravi Kiran ., E. Thangaselvi ., S. Karthikeyan ., T. Chelladurai .,
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6. The industrial internet of things (IIoT): An analysis framework for industry 4.0 applications

S. Karthikeyan ., G. Jhansi Rani ., K. Ramamoorthy ., T. Chelladurai ., Dr. E. Thangaselvi .,
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7. Analysis of MQTT-Based Mesh Networks for Industry 4.o Applications

K. Ramamoorthy ., S. Karthikeyan ., T. Chelladurai .,
Smart Innovation, Systems and Technologies, Volume 243, Year 2022, Pages 575-584

8. Performance analysis of low power dual edge triggered flip flop using power gating techniques

Karthikeyan S.;Ramamoorthy K.;Chelladurai T.
International Journal of Innovative Technology and Exploring Engineering, Volume 8, Year 2019, Pages 819-825

9. Design and implementation of reduced fuel consumption in cement kiln with efficient cooling technology using PLC and HMI

R Navaneetha Krishnan ., K Ramamoorthy .,
International Journal of Engineering and Technology(UAE), Volume 7, Year 2018, Pages 87-90

10. Implementation of reduced fuel consumption in cement kiln with efficient cooling technology using PLC and human machine interface

Kumar P.M.;Ramamoorthy K.;Karthikeyan S.;Chelladurai T.
International Journal of Civil Engineering and Technology, Volume 9, Year 2018, Pages 1565-1572

11. Edge analysis for noise suppression in ultrasound kidney images using weighted median filter

Ramamoorthy K.;Chelladurai T.;Sundararajan P.N.
International Journal of Systems Signal Control and Engineering Application, Volume 7, Year 2014, Pages 36-42

12. Electronics and Microprocessor

Dr.P.Manirajkumar , Mr.K.Ramamoorthy
Electronics and Microprocessor, Volume , Year 2013, Pages