




# Bharathiar University

State University | "A++" Grade by NAAC | 26<sup>th</sup> Rank in MoE-NIRF  
Maruthamalai Road, Coimbatore, Tamil Nadu - 641 046.

<b>Dr J VIJAYAKUMAR</b> Associate Professor & Head Department of Electronics & Instrumentation  Bharathiar University  Tamil Nadu <b>E-mail:</b> vijayakumar@buc.edu.in <b>Phone:</b> 9786869929 <b>Office Number:</b> 0422-2428498	
<b>Research Area</b> <ul style="list-style-type: none"><li>• Digital Signal &amp; Image Processing</li><li>• Embedded systems</li><li>• Nanoelectronics</li></ul>	<b>Courses Teaching</b> <ul style="list-style-type: none"><li>• Sensors and Transducers</li><li>• Signals and systems</li><li>• Control Systems</li><li>• Digital Signal Processing</li><li>• PLC and Its Applications</li><li>• Communication System and Fiber Optics</li><li>• Analog and Digital Electronics</li><li>• Circuit Theory</li><li>• Digital Image Processing</li></ul>
<b>Research Experience:</b>	<b>Teaching Experience:</b>
<b>Research Credentials</b> (as on March 2024 – Source: Google scholar) H-index: 8                      Citations: 165                      i10-index: 7	
<b>Publications</b> Conferences: 2	
<b>Career</b> <b>Other Institutes</b> <b>1. Designation : Associate Professor</b> Institution Name : Nandha College of Technology Period : June 2010 - November 2016 <b>2. Designation : Lecturer</b> Institution Name : Mahendra Engineering College Period : June 2005 - May 2010 <b>At Bharathiar University</b> <b>1. Designation : Associate Professor &amp; Head</b> Period : November 2016 - Till Date	
<b>Education</b> <b>Ph. D.</b> Subject : Applied Electronics Institution : Nandha Engineering College Affiliated University : Anna University Year of Award : December 2015 <b>M.E</b> Subject : Applied Electronics Institution : Bhannari Amman Institute of Technology Affiliated University : Anna University Year of Award : November 2005	



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**Dr J VIJAYAKUMAR , Associate Professor & Head , Department of Electronics & Instrumentation**

## **B.E**

Subject : Electronics and Communication Engineering

Institution : Maharaja Engineering College

Affiliated University : Bharathiar University

Year of Award : May 2003

## **Projects**

## **Research Guidance**

**Completed**

PG - 1

## **Visits**

1. Research paper presentation in the International Conference on Applied Research in Engineering and Management Sciences - 2018-08-01 )

## **Selected Publications**

### **1. Foot rot Disease identification for betelvine Plants using image processing**

proceedings of the tenth national Conference on Bio -signal communication and networking at SSN College of Engineering – Chennai (January 2010)

Vijayakumar, J & Arumugam, S

### **2. Disease identification for the prevention of calamity using digital image processing**

Proceedings of the first International Conference on Sensors, Security, Software and Intelligent Systems at Coimbatore Institute of Technology- Coimbatore. (November 2009)

Vijayakumar, J & Arumugam, S