



## Dr Thamizhazhagan P

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## AREAS OF EXPERTISE

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### Electrical and Electronic Engineering

A dedicated academic and administrator who works for the growth of the college in areas like academics, infrastructure, and student development. He encourages innovation, entrepreneurship, and the use of new technologies like Artificial Intelligence in education.

## EDUCATION

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**Ph.D** 2020

*Anna University*

**M.E** 2005

*Alagappa Chettiar Government College of Engineering and Technology, Karaikudi*

**B.E** 2003

*Government College of Technology, Coimbatore*

## PROFESSIONAL EXPERIENCE

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**University College of Engineering, Tindivanam** 2022 - Present

*Dean*

*Villupuram*

**University College of Engineering, Panruti** 2019 - 2022

*Assistant Professor - Selection Grade*

Cuddalore

**University College of Engineering, Panruti** 2015 - 2019

*Head of the Department*

Cuddalore

**University College of Engineering Panruti** 2014 - 2019

*Assistant Professor (Senior Grade)*

Cuddalore

**University College of Engineering, Panruti** 2009 - 2014

*Assistant Professor*

Cuddalore

**Tagore Engineering College** 2005 - 2009

*Lecturer*

Chennai

**Sudarshan Engineering College** 2005 - 2005

*Lecturer*

Pudukkottai

## **PROFESSIONAL MEMBERSHIPS**

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**Solar Energy Society of India (SESI)** 2021

*Life Member*

**Indian Society for Technical Education(ISTE)** 2021

*Life Member*

## **PUBLICATIONS**

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**1. Implementation of Load Frequency Control Using Fuzzy Logic Controller in an Interconnected Power System**

*Thamizhazhagan P, S. Vinoth Kumar; M. Suman, D. Periyazhagar*

*International Journal of Advanced Natural Sciences and Engineering Researches , Vol. Volume 7 (2023) , pp. 40-46*

**2. AI Based Traffic Flow Prediction Model for Connected and Autonomous Electric Vehicles**

*P. Thamizhazhagan, M. Sujatha, S. Umadevi, K. Priyadarshini, VelmuruganSubbiahParvathy,Irina V. Pustokhina, Denis A. Pustokhin*

*Computers, Materials & Continua , Vol. 70(2) (2022) , pp. 3333-3347*

**3. Photo catalytic Reduction Of Co2 Into Solar Fuels Using M-BTC Metal Organic Frameworks For Environmental Protection And Energy Applications**

*P.Thamizhazhagan, P. Sivakarthishik , J.Balaji*

*Digest Journal of Nanomaterials and Biostructures , Vol. 16/4 (2021) , pp. 1263-1275*

**4. Analysis of Design and Build Bridge Projects using SPSS and MATLAB**

*P.Thamizhazhagan, M.V.V.Thirumuruga Poiyamozhi*

International Multi Disciplinary Conference in Arts, Social Science, Management and Technology. , Vol. 1 (2019) , pp. 374-385

**5. A Hybrid Technique for Performance Improvement in AC-DC Converter System**

*ShrihariS ,Dinesh N P , Harishkumar M , Sathish Kumar S, Thamizhazhagan P*

Journal of Applied Science and Computations , Vol. 6(3) (2019) , pp. 968-973

**6. Investigations on Photovoltaic Module Sustained Control of AC Drives Utilizing MATLAB/Simulink**

*P.Thamizhazhagan, Dr.S.Sutha*

Journal of Electrical Engineering , Vol. 19 (2019) , pp. 132-137