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## Present Position

Assistant Professor, Department of Automobile Engineering, Madras Institute of Technology, Anna University, Chennai from October-2009.

## Present Additional Responsibility

- Programme Officer, Youth Red Cross, Anna University, Chennai from May-2012.

## Previous Positions

- Teaching Fellow, Department of Automobile Engineering, Madras Institute of Technology, Anna University, Chennai during October-2008 and October-2009.

## Previous Additional Responsibility

- Deputy Warden, Boys Hostel, Anna University, Chennai during July-2012 and February-2015.

## Other Employment

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## Degree

- ❖ M.E. in AUTOMOBILE ENGINEERING, MADRAS INSTITUTE OF TECHNOLOGY, ANNA UNIVERSITY (2006 - 2008).

## Research Degree

- ❖ Ph.D. in AUTOMOBILE from Faculty of MECHANICAL, MADRAS INSTITUTE OF TECHNOLOGY, ANNA UNIVERSITY (2009 - 0).  
Title: Optimization of Electronic Fuel Injection System for improved performance and emission in bio-diesel operated automotive diesel engine.

## Area of Specialisation

- IC ENGINES

## Membership in Professional Organization

- > SAEINDIA

## Research Guidance

Number of M.E./ M.Tech. Projects : 18

Guided

Number of M.E./ M.Tech. Projects : 3

Guiding

## Papers Published in Journals

Research Papers Published in International Journals : 2

Research Papers Published in National Journals : 1

1. Devaradjane, G, "Effect of using Electronic Fuel Injection on performance and emission characteristics of a single cylinder diesel engine fuelled with Mahua methyl ester", Journal of Chemical and Pharmaceutical Sciences, Vol. 6,
2. Devaradjane, G, "Performance and emission analysis of LHR diesel engine using Electronic Fuel Injection system fuelled with biodiesel", International Journal of Energy, Environment and Economics, Vol. 23, (2015).
3. Devaradjane, G, "Performance and Combustion Analysis of Mahua Biodiesel on a Single Cylinder Compression Ignition Engine Using Electronic Fuel Injection System", THERMAL SCIENCES, Vol. 20, Issue 5, (2016).

## Papers Presented in Programmes

Research Papers Presented in International Programmes : 3

Research Papers Presented in National Programmes : 3

1. "Performance & Emission Measurement of oxygenated diesel fuel & Reduction of emission by split injection method" presented in a National level conference on National conference on "Advances in Mechanical sciences", organised by Kumaraguru college of Technology, Coimbatore., India from 27-Mar-2008 to 28-Mar-2008.
2. "Performance and Emission characteristics of a Single Cylinder Diesel Engine Fuelled with Mahua methyl ester by using CRDI" presented in a International level conference on International conference on Environment and Energy(ICEE- 2014), organised by Jawaharlal Nehru Technological University, Hyderabad, India from 15-Dec-2014 to 17-Dec-2014.
3. "Performance & Emission analysis of mahua biodiesel in single cylinder diesel engine using EFI system" presented in a National level conference on National conference on Evolution of Green Energy & Vehicle Technology(NCEGEVT), organised by Sri Venkateswara College of Engineering, Sriperumbudur., India from 02-Mar-2015 to 03-Mar-2015.

4. "EFFECT OF USING ELECTRONIC FUEL INJECTION ON PERFORMANCE AND EMISSION CHARACTERISTICS OF A SINGLE CYLINDER DIESEL ENGINE FUELLED WITH MAHUA METHYL ESTER" presented in a International level conference on International conference on Energy Efficient Technologies for Automobile- EETA'15, organised by Bharathidasan Institute of Technology (BIT) Campus, Tiruchirappalli., India from 20-Mar-2015 to 21-Mar-2015.
5. "Performance & Combustion analysis of Mahua bio diesel on a single cylinder CI Engine Using CRDI System" presented in a National level conference on National conference on "Emerging Trends in Mechanical and automobile Engineering", organised by Srinivasa Institute of Engineering and Technology, Poonamallee. , India from 11-Apr-2015 to 11-Apr-2015.
6. "Performance and Combustion analysis of Mahua Biodiesel on a Single cylinder CI engine Using Electronic Fuel injection system" presented in a International level conference on International conference on Advances in Mechanical Engineering (ICAME-2015), organised by University College of Engineering, Villupuram., India from 15-Oct-2015 to 16-Oct-2015.

### Programme Attended

1. Participated in a National level workshop on "Indo-German workshop on Advanced Technologies" organized by Anna University and Department of Aerospace Engineering, MIT Campus., India from 03-Dec-2009 to 04-Dec-2009.
2. Participated in a National level workshop on "Recent Trends & Developments in Engine Management system & Alternative fuels" organized by Department of Automobile Engineering, MIT campus, Anna University., India from 22-Mar-2010 to 23-Mar-2010.
3. Attended a National level Short Course on "Research Methodology, Techniques of writing Research Articles for SCI Journals and Ph.D thesis preparation " organized by Department of Automobile Engineering, MIT campus, Anna University., India from 07-Mar-2013 to 07-Mar-2013.
4. Attended a National level seminar on "Recent Trends & Developments in Automobile Engineering" organized by Department of Automobile Engineering, MIT campus, Anna University., India from 13-Feb-2015 to 14-Feb-2015.
5. Participated in a National level workshop on "Recent Trends in Vehicle Technology" organized by Department of Automobile Engineering, MIT campus, Anna University., India from 28-Feb-2015 to 28-Feb-2015.