

## RESUME

**Mr.R.KATHIRAVAN**

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### Summary

- ◆ Completed ME in Engineering design at M.N.S.K College of engineering and technology.**pudhukottai.**
- ◆ Having **08 years of teaching** in engineering colleges.
- ◆ Published research papers in **reputed journals.**
- ◆ **Presented and participated** various **National and International conferences.**
- ◆ College **NAAC work.**
- ◆ College **IQAC work.**
- ◆ College **Examcell member.**
- ◆ Software skills, like **pro-e, Auto cad, solidworks**

### Education and Qualifications:

- ◆ ME (Engineering design), **M N S K College of Engineering and Technology, Pudukkottai, Anna university Chennai, First class (7.65 CGPA), 2010-2012.**
- ◆ BE (Mechanical), **RVS College of Engineering and Technology, Dindigul, , Anna university, Chennai, First class (71%), 2007-2010.**
- ◆ Diploma (Mechanical), **government Polytechnic College, Coimbatore, DOTE Chennai, 2004-2007.**

### About my ME Project work:

The project titled “**AN INVESTIGATION OF LPG CYLINDER WITH ANALYSIS** , discussed about where maximum , minimum stress, longitudinal ,transverse stress ,strain displacement and temperature developed which is determine through analysis software like ANSYS. The results were plotted on strengthening point, weaker point stress, and strain at project specimen.

## Research Areas of Interest:

- ◆ Metal Matrix Composites.
- ◆ Tribology (Wear and Friction behavior of Materials).
- ◆ Welding Techniques in Dissimilar Materials.
- ◆ Optimization Techniques.

## Professional Experience:

Position	Department	Institute/University	From	To	Years of Exp.
Assistant professor	Mechanical Engg.,	NPR College of Engg. & Tech, Dindigul.	1.07.2016	30.10.2021	4.2
Assistant Professor	Mechanical Engg.,	RVS School of Engg. & Tech, Dindigul.	20.06.2012	14.06.2016	4

## Publications

### International Journals:

1. B.Ohmanth, **R.KATHIRAVAN**, Saikoushik gandikota, the effect of chemical treatment on mechanical and thermal properties of abaca-glass-banana hybrid fibre composites, **International Journal of chemtech research** , 2016, ISSN:0974-4290
2. **R.KATHIRAVAN**, S.Senthil Kumaran, performance and emission characteristic of jatropha biodiesel and dimethoxy methane fuel blends, **International Engineering Research Journal**,2015,ISSN 2395-1621.

### Conference Publications:

1. **R. Kathiravan**, optimization of process parameters of a TIG welding for ferrite number based on taguchi method, international conference on emerging trends in engineering , technology and management-2015.
2. **R.Kathiravan**, optimization of process layout for steel industry, emerging technologies in advanced manufacturing-2010.
3. **R.Kathiravan**, design and analysis of LPG cylinder, New trends in mechanical sciences-2012.

### Professional Membership:

Sl.No.	Membership Organization	Membership No.
1	Indian Society for Technical Education	LM103531
2	International Association of Engineers	152179
3	Institute of Research Engineers and Doctors	Life member
4	DAAAM International Vienna	Life member
5	International Association of Advanced Materials	862271914608

**FDP/Workshop/Seminar/Conference/Course attended:**

Sl.No.	Nature of Training	Duration		Venue
		From	To	
1	Kinematics of machinery	02.12.2015	04.12.2015	Velalar college of engg andTech, Erode.
2	Engineering thermodynamics	11.12.2012	21.12.12	Rvs school of Engg., & Tech.,Dindigul.
3	Fire extinguisher program	31.8.13	---	Rvs school of Engg., & Tech.,Dindigul.
4	CNC machine programming and operations	12.12.2005	04.01.2006	Govt poly tech, Coimbatore.
5	Finite Element Analysis	10.12.2014	17.12.2014	Rvs school of Engg., & Tech., Dindigul.
6	Fluid Mechanics	20.05.2014	30.05.2014	RVS College of Engg., & Tech.,
7.	Auto cad	20.5.2006	---	Cad center,Coimbatore.

**References:****1. Dr.S.Srinivasan,**

Professor/Head,

Department of Mechanical Engineering,

RVS college of engineering and technology,

dindigul

Contact No: **+91 99942 77230****2. Dr B.Kannan**

Vice principal/mechanical department,

RVS College of engineering and technology,

Contact No: **+91 9994010509.****Personal Information:**

Date of Birth	: 04.09.1986
Sex	: Male
Martial Status	: Married
Nationality	: Indian
Community	: BC
Languages Known	: Tamil, English.

**Permanent Residential and Communication particulars:**

Pannai patti ,

Eriyodu,

vedasandur,

Dindigul- 624 702.

Contact - +91 7904064998, + 91 9524267426

Undertaking: The above details furnished by me are True to the best of my knowledge.

Place :

Date :

**(Mr.R.Kathiravan)**