

Dr.V. Paranthaman

No:3, Kumarbrindhavan apartment

2nd Main Road, Kasthuribai Nagar,

Adyar, Chennai-20

E-mail:paranthphd@gmail.com

Mobile:**9952971485**



Sir,

Sub: Seeking Job opportunity in your esteemed institution.

Herewith I have attached my resume for your kind perusal, which would give you a fair idea about my suitability in your Institution. I will be glad to substantiate the contents of the resume at the time of interview. I have good command over communication and experience in team works, inter personal skills.

If the chance is conferred to me, I shall prove worthy of your choice.

Thanking You,

Yours faithfully,

(V. PARANTHAMAN)

Dr.V. Paranthaman

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Adyar, Chennai-20

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TEACHING EXPERIENCE

I. Adhi College of Engineering and Technology, Chennai (Jan 2013 to till date)

Designation: Vice-Principal & Professor in the Department of Mechanical Engineering.

Job Profile

- IQAC Coordinator.
- Planning of Academic, Admission and Administrative related works.
- Advisor of Placement cell and arranging placement for students of all departments.
- Organizing Internship training and Industrial visits in Top ranked Industries.
- Role as Life Skill Trainer for many school and college students.
- Guiding the Students to undergo Industrial Projects
- Arranging Guest Lectures and Seminar/workshops from experts of various Industries and Universities.

II. SAMS College of Engineering and Technology, Chennai (Nov 2006 to Jan 2013)

Designation: Asst. Professor in the Department of Marine Engineering

Job Profile

- Organizing the Ship Visit and Swimming
- Organized Many Village Camps as NSS program officer.
- Arranging Guest Lectures and Seminar/workshops from experts of various Industries and Universities.

III. Southern Academy of Maritime Studies (June 2003 to July 2004)

Designation: Lecturer

Job Profile

- Organizing the Ship Visit and Swimming

INDUSTRIAL EXPERIENCE

I. Designation : **Production Engineer**
 Name of the Firm : **Royal Coach Builders** (Bus body making), Karur.
 Duration : August 2004 to 2006

Job profile

- Preparation of BOM based on work orders.
- In-charge of tender preparation.
- Authorized person for Tender's meeting and negotiating at Govt. Transport Organisation.
- Payment follow-up.
- In-charge for overall bus body production.

II. Designation : **Engineer (Materials)**
 Name of the Firm : **Fluidyne Engineers India Pvt.Ltd.** Chennai
 An ISO 9001 organization certified by BVQI involved in
 design & manufacturer of sheet metal components.
 {Expansion joints (metal bellows), diaphragms, pressure
 vessels, deep drawn components etc.,}
 Duration : 1998 to 2001

Job profile

- Preparation of BOM based on work orders.
- Preparation of monthly and weekly schedule.
- Preparation of material indents & close follow up
- Vendors for timely procurement.
- Evaluation of approved vendors & sub- contractors.
- Assessment of vendors & subcontractors for performance of quality and timely delivery.
- Controlling stores inventory, authorizing indents & goods receipt.
- Issue of raw material & SC items to production based on weekly schedule.
- Updating MIS & reporting to director

III. Designation : Supervisor
 Name of the Firm : Royal Coach Builders (Bus body making), Karur
 Duration : 1996 to 1998

Job profile

- Fabrication of bus body works. Inspection done for Arc welding.

ACADEMIC PROFILE

- **Ph.D in the area of Metal Joining Technology** (Welding).
Department of Mechanical Engineering. College of Engineering Guindy
Anna University Chennai-25.
- **Master of Engineering, Production Engineering:** 2001- 2002
Annamalai University, Chidambaram.
- **Bachelor of Engineering, Mechanical Engineering:** 1992- 1996.
AlagappaChettiar Government College of Engineering and Technology, Karaikudi-4,
Madurai Kamaraj University.

ACADEMIC PROJECTS

Ph.D

Investigation on Mechanical and Corrosion Properties of Gas Tungsten Arc Welded Similar and Dissimilar Duplex Stainless Steel Joints

M.E

Analysis of Extrusion of Al/SiCp Composites using Finite Element Method inMSC NASTRAN

B.E

Design and fabrication of shell and tube type heat exchanger.

Research Area of Interest:

- Welding of Similar and Dissimilar materials.
- Material testing and Characterization.
- Corrosion studies.

INDUSTRIAL RELATIONS:

- Technical Advisor in Kathiravan Metal Bellows India Pvt. Ltd. No.413/8A Rice Mill Street, Paduvancheri, Chennai-600126.

NO. OF PUBLICATION:

1. **V. Paranthaman, K. ShanmugaSundaram, Natrayan L** “Influence of SiC particles on mechanical properties of modified interlock dissimilar friction stir weld lap joint for automotive grade Aluminium alloy” Silicon <https://doi.org/10.1007/s12633-021-00944-5>
(Impact factor **1.499**).

2. **V Paranthaman**, V Dhinakaran, MS Sai, A Devaraju 2020. “A systematic review of fatigue behaviour of laser welding titanium alloys” Materials Today: Proceedings, Elsevier 2020. DOI: <https://doi.org/10.1016/j.matpr.2020.08.249>
3. **V Paranthaman**, V Dhinakaran, MV Shree 2020. “Optimization of CO2 welding process on dissimilar metals” Materials Today: Proceedings, Elsevier 2020. DOI: <https://doi.org/10.1016/j.matpr.2020.07.694>
4. **Paranthaman, V**, ShanmugaSundaram, K &VinothJebaraj, V 2018. ‘Analysis of structure property relationship of super duplex stainless steel AISI 2507 weldments for severe corrosive environments’, Materials Research Express, vol. 5, no. 9, p. 096527 (**Impact Factor: 1.151**)
5. **Paranthaman, V** &ShanmugaSundaram, K 2017, ‘Assessment of Dissimilar Weld between Duplex Stainless Steel Grades for Severe Corrosive Applications’, In ASME 2017 International Mechanical Engineering Congress and Exposition, American Society of Mechanical Engineers(**ASME**), pp. V002T02A090-V002T02A090.
6. **Paranthaman, V**&ShanmugaSundaram, K 2016, ‘Microstructure and mechanical properties for dissimilar welded Joint of super duplex stainless steel and duplex stainless steel’, presented in International level conference on International Conference on Materials, Design and Manufacturing Process, organized by Anna University, India from 17-Feb-2016 to 19-Feb-2016.
7. **V. Paranthaman**, K. ShanmugaSundaram, Natrayan L, “Effect of silica content on mechanical and microstructure behavior of resistance spot welder advanced automotive TRIP steels.
8. **V.Paranthaman**,RavichandranSantosh,GovindarajKumaresan,VenkatesanParanthaman, MangudiRangaswamySwaminathan&**RamalingamVelraj**, Comparative investigation on heat transfer enhancement of surface-roughened and nano-dispersed phase change material for thermal energy storage.
9. B.Ramesh, J.Pasupathi, **V.Paranthaman**, A.Thanikasalam, Material Engineering and Technology - Mechanical properties and deformation mechanisms (Book Chapter)

PATENTS

- CNC CODED TWO AXIS WRITING MACHINE -----Patent application and publication number: 202041022088A (India) 12/6/2020.
- Reduction of Heat flux at water nano fluids used to cool the electronic panels.

BOOK PUBLISHED

1. Engineering Materials and Metallurgy.
2. Kinematics of machinery.
3. Power plant Engineering.
4. Manufacturing Engineering.

GUEST SPEAKER

NEWS7 TAMIL PRIME CHANNEL LIVE PROGRAM

At KalluriSalai As A Speaker For One Hour Question Answer Live For +2 Students And Parents To Right Choice Of Engineering Courses And Its Opportunities.

CONFERENCE AND WORKSHOPS

- I. Participated in 7 days faculty development programme on “Applied Hydraulics and Pneumatics” at Anna University, Chennai from 12th June to 20th June 2008.
- II. Have participated in the awareness workshop on “Eco – Friendly Welding Process” conducted by Annamalai University.
- III. Participated in 7 days faculty development programme on “Gas Dynamics and Jet Propulsion” at Anna University, Chennai from 07th June to 13th June 2010.
- IV. Participated in the 2 days International workshop on “Electromagnetic Forming Technology” organized by Anna University, Chennai on 11th and 12th November 2010.

PERSONAL DETAILS

Father's name	:	V.Venkatesan
Date of birth	:	10.02.1972
Marital status	:	Married
Nationality	:	Indian
Languages Known	:	English, Tamil & Kannada.

REFERENCE

Dr. K.ShanmugaSundaram

Professor,
Engineering Design Division,
CEG, Anna University Chennai-25
Mob:9940155773
drkshanmugasundaram@gmail.com

Dr.M.Kamaraj

Professor
Dept. of Metallurgical and materials Engg.
IITM, Chennai
Mob: 9445964269
kamaraj@iitm.ac.in

INDUSTRIAL REFERENCE

M Senthilraja
Sr General Manager – Risk services
Cholamandalam MS Risk Services Ltd
Murugappa group Chennai -31
Mob: 7502510111
senthilrajam@cholams.murugappa.com

C Jayakumar, Joint Director –IV
Division Industrial Safety & Health
Guindy Chennai-32
Mob: 9176222394
cjayakumardd@gmail.com

(V. PARANTHAMAN)