**CURRICULUM VITAE**



**B. RAVINDAR, M. Tech,(Ph.D)**

C/o Ch. Sathaiah,

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**CAREER OBJECTIVE:**

An opportunity to work in a vibrant and exciting environment that hones my skills and to contribute positively to works the growth and prosperity of the organization. And also to secure a position in this ever expanding field by virtue of my sincerity and dedication.

**EDUCATIONAL PROFILE:**

* (PhD) from Kakatia University. Warangal, TS, Submitted on 09.04.2019.
* M. Tech (Energy Management) from S. V. University, Thirupathi,

(2004-2006)

* B. Tech (Mechanical Engineering) from J. N. T. University, (1997-2001)
* Diploma in Mechanical Engineering from G.M.R.Polytechnic, Bhadrachalam (1996)

**MEMBERSHIP:**

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| **Sl.No.** | **Organization** | **Membership Number** |
| **1** | Life Member of Indian Society for Technical Education (**MISTE**), New Delhi | LM61153 |
| **2** | Life Member of Institute of Engineers(**MIE**), India | M-145944-3 |
| **3** | Life Member of Indian Institute of Welding (**IIW**). | HYD/M/R-11339/L |

**PROJECT EXPERIENCE:**

* **Ph.D**

Title: Experimental Studies on 5083 Aluminium Alloy Weldments Using Pulsed TIG and Friction Stir Welding Processes.

* **M. Tech**

Title: Auditing and conservation of Rayalaseema Thermal power project, Kadapa.

* **B. Tech**

Title: Computer Aided Design of IC Components.

* **DME**:

Title: Study, Design and Estimation of an Air Cooler.

**JOB EXPERIENCE:** 13 Years

* Working as an Associate Professor and HOD in Vaageswari College of Engineering, Karimnagar, from September, 2013 to till date.
* 2 years worked as an Associate Professor and HOD at Vivekananda Institute of Technology & Science, Karimnagar from August, 2011 to August, 2013.
* 3 years worked as an Associate Professor at Vaageswari College of Engineering, Karimnagar, during May 2008 to August 2011.
* 2 years worked as an Asst. Professor at Sree Visveswaraya Institute of Technology & Science, Mahaboobnagar, during 2006 to 2008.
* 1 year worked as a Service Engineer at M/s JOFLO CENTRIFUGES (P) LTD. Nacharam, Hyderabad, during the year of 2003 to 2004.
* 1 year worked as a Graduate Trainee Apprentice in NTPC Ramagundam, Karimnagar through BHEL during the year on June 2002 to June 2003.

**INTERNATIONAL JOURNALS: 10**

1. **B.Ravindar,** M. Kiran Kumar, K. Rajashekar, G. Rajkumar “fabrication of stair climbing trolly using ANSYS Analysis”, International *Journal of prevention and Control of Industrial Pollution (IJPCIP) 2018, 31-41* @ Journals Pub 2018. Vol. 4, Issue 1, All Right Reserved.
2. **B.Ravindar,** M. Kiran Kumar, K. Rajashekar, G. Rajkumar “Design and fabrication of stair climbing”, *Journal of engineering and innovative Research (JETIR),* ISSN: 2349-5162,Vol. 5, Issue 9, September 2018.
3. **B. Ravindar,** B.Naresh, Md. Asifuddin and Md. Abdul hadi “Design and fabrication of Agro vehicle for ploughing”, *Journal of engineering and innovative Research (JETIR),* ISSN: 2349-5162,Vol. 5, Issue 9, September 2018.
4. **B. Ravindar,** Dr K. Eswaraiah, “Comparison of Pulsed TIG Welding and FSW Processes of 5083 Aluminium Alloy”, *International Journal of Pure and Applied Mathematics*, ISSN: 1314-3395,Vol. 118, May 2018.
5. **B. Ravindar,** Dr. K. Gururaj, Dr.A.Somi Reddy “Comparative investigations of FS welding and Pulsed TIG welding processes of 5083 Aluminum Alloys” International Journal of Advanced Engineering Research and Science (IJAERS), ISSN: 2349-6495 Vol-3, Issue-1, Jan- 2016, pp.27-33.
6. **B. Ravindar,** Dr. K. Gururaj, Dr.A.Somi Reddy “ Mechanical and Microstructure properties of Pulsed Tungsten Inert Gas and FS Welding of AA5083 Butt joint” IJISET - International Journal of Innovative Science, Engineering & Technology, ISSN 2348 – 7968, Vol. 3 Issue 1, January 2016. pp.280.286.
7. **B. Ravindar,** Dr. K. Gururaj, Dr.A.Somi Reddy “ The influence of process parameters on microhardness and mechanical properties of FSW aluminium 5083 alloy butt joint” IJESRT -International Journal of Engineering Science & Research Technology, ISSN 2277 –9655, Vol. 4 Issue 11, Nov, 2015. pp.432.440.
8. **B. Ravindar** and Dr.K. Gururaj “Effects of Friction Stir Welding Parameters on Butt Joint Properties of Aluminium Alloy 5083”International Journal of Innovative Research in Science, Engineering and Technology, *ISSN: 2319-8753 ISSN (Print): 2347-6710* Vol. 4, Issue 7, July 2015, pp.6531-6537.
9. **B. Ravindar** and Dr.K. Gururaj “Influence Of Process Parameters On Aluminium Alloy 5083 In Pulsed Gas Tungsten Arc Welding**”** International Journal of Mechanical And Production Engineering, ISSN: 2320-2092, Volume- 3, Issue-7, July-2015, pp.145-149.
10. **B. Ravindar,** J. Laxman and Dr.K. Gururaj “Certain Investigations on the effect of Pulsed Tungsten inert gas welding parameters on Aluminium (5083) alloy” International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.44 (2015). pp. 31765-31770.

**INTERNATIONAL CONFERENCES: 05**

1. **B. Ravindar** and k. Gururaj “Effects of Friction Stir Welding Parameters on Butt Joint Properties of Aluminium Alloy 5083” IFERP International conference Hyderabad, ISBN-9788192958035.
2. **B. Ravindar** and k. Gururaj “Influence of Process Parameters on Aluminium Alloy In Pulsed Gas Tungsten Arc Welding**”**  24th International conference, 3rd 5083 may 2015, Chennai, India, ISBN-978-93-85465-07-9.
3. **B. Ravindar,** J Laxman and Dr.K. Gururaj “Certain Investigations on the effect of Pulsed tungsten inert gas welding parameters on Aluminium (5083) alloy” International Conference on Recent Trends & Innovations in Engineering & Technology (ICRTIET-2015) ISBN: 978-2-642-24819-4, Ongole, Andhra Pradash, 1st - 2nd MAY, 2015
4. Sardar Singh M, , Dr. P. Ravi Kumar, Dr. G. Amba Prasad Rao and **B. Ravindar** “Performance Evolution of three vegetable oils at various fuel injection pressures on 4-Storke CI Engine” International Conference on Advances in Renewable Energy (ICARE-2010) on June 24- 26th, Maulana Aazad National Institute of Technology, BHOPAL.
5. Sardar Singh M, **B. Ravindar**, Dr. P. Ravi Kumar and Dr. G. Amba Prasad Rao “Exhaust Emissions from an engine fueled with biodiesel from fish oil” International Conference on Advances in Renewable Energy (ICARE-2010) on June 24- 26th, 2010,Maulana Aazad National Institute of Technology, BHOPAL.

**NATIONAL CONFERENCES: 02**

1. **B.Ravindar**, B.Naresh, Dr. K. Gururaj and Dr.Ch.Srinivas “Solid State Alloying of Aluminium Alloys: A Mechanical Alloying approach” National Conference on Innovative Research in Engineering & Technology Vaageswari College of Engineering, Karimnagar, 20-21 April, 2015, ISBN- 978-81-929195-4-6.
2. B. Naresh, **B. Ravindar** and A. Mamatha“Synthesis And Measurement Of Thermal Conductivity Of Magenetite Fe3O4 Nano Particles” National Conference on Innovative Research in Engineering & Technology Vaageswari College of Engineering, Karimnagar, 20-21 April, 2015, ISBN- 978-81-929195-4-6.

**WORKSHOP ATTENDED:**

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| **S.No.** | **Topic** | **Organization** | **Period** | **Duration** |
| 1 | International Conference on Innovations & Discoveries in Science and Management (Section chair person) | Vaageswari College of Engineering, Karimnagar | 09 &10th April, 2018 | 2 Days |
| 2 | National Workshop on 3D Printing | Vaageswari College of Engineering, Karimnagar | 24th March, 2018 | 1 Day |
| 3 | One Week Faculty Development Program on Challenging and Advances in Renewable Energy Sources | Kamala Institute of Technology & Science, Singapur, Karimnagar | 06th-11th November, 2017 | 1 Week |
| 4 | One Week Faculty Development Program on “Finite Element Applications in Mechanical & Civil Engineering” | Chaitanya Bharathi Institute of Technology, Hyderabad | 23rd -28th January, 2017 | 1 Week |
| 5 | A short-term training program on “Modelling and Manufacturing”  | Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad | 12th -17th December, 2016 | 1 Week |
| 6 | One Week Faculty Development Program on ‘Research Methodology & Computational Techniques’ (RMCT-16) | Kakatiya Institute of Technology & Science, Warangal  | 27 June-01 July, 2016 | 1 Week |
| 7 | State Level Technical Symposium “Srujana-16” (Chair person) | Nigama Engineering College, Karimnagar | 28th March, 2016 | 1 Day |
| 8 | National Conference on Innovative Research in Engineering & Technology (NCIRET-2015) Delivered on Industrial Revolution | Vaageswari College of Engineering, Karimnagar | 8th & 9th May, 2015 | 2 Days |
| 9 | A One Day Workshop on “Advances in Welding and Surface Engineering” | The Indian Institute of Welding, Hyderabad Branch | 17th December, 2014 | 1 Day |
| 10 | Faculty Orientation Program for JNTUH e-Learning Solutions and Two-Way HD Delivery Mechanism for Teachers & Students (eLSDM) | Sahaja Institute of Technology & Science, Karimnagar | 13th August, 2014 | 1 Day |
| 11 | Three Day National Workshop on Friction Stir Welding, NDT and Optimization | National Institute of Technology, Warangal | 9th -11th January, 2014 | 3 Day |
| 12 | National Workshop on Welding Research Today: Challenges & Opportunities(WRT-2012) | The Indian Institute of Welding, Chennai Branch, IIT Madras | 23rd & 24th November, 2012 | 2 Days |
| 13 | Mission 10X Workshop & High Impact Teaching Skills” | Vivekananda Institute of Technology & Science, Karimnagar | 27th Feb-02 March, 2012  | 1 Week |
| 14 | Participated in the Two Week Staff Development Program on “World Class Manufacturing” | Institute of Public Enterprise, Hyderabad | 12th -24th December, 2011 | 2 Week |
| 15 | AICTE Sponsored one week Staff Development Program | Annamacharya Institute of Technology & Sciences, Rajampet, Kadapa | 30th May-05th June, 2011 | 1 Week |
| 16 | U.G.C Sponsored “Training Program on MATLAB, GRAPHICS and LaTeX” | Kakatiya University, Warangal | 21st & 22nd March, 2009 | 2 Days |
| 17 | National Workshop on “Applications of Design of Experiments & Finite Element Techniques in mechanical Engineering” | Kamala Institute of Technology & Science, Singapur, Karimnagar | 07th February, 2009 | 1 day |
| 18 | Faculty Development Program Association with ISTE, New Delhi | Vaageswari College of Engineering, Karimnagar | 08th-10th August,2008 | 3 Days |
| 19 | A Two day workshop on “Perspective Areas of Research in Mechanical Engineering & Related Approaches | Sree Visvesvaraya Instutute of Technology & Science, Mahaboob Nagar | 15th & 16th February, 2008 | 2 Days |

**ACHIEVEMENTS:**

* Best paper award for Certain Investigations on the effect of pulsed tungsten inert gas welding parameters on aluminium 5083 alloy at (ICRTIET -15) PACE Institute of Technology & science, Ongole.

**INTERESTING SUBJECTS:**

* Engineering Drawing
* Fluid Mechanics & Hydraulics Machinery
* Non-Conventional Sources of Energy
* Power Plant Engineering
* Thermodynamics
* Thermal Engineering.
* Refrigeration and Air conditioning
* Heat Transfer
* Mechanics of Solids
* Production Technology
* Machine tools

**AREAS OF INTEREST:**

Production, Manufacturing, Thermal and Renewable Energy Sources.

**PERSONAL DETAILS:**

NAME : **BHANOTHU RAVINDAR**

FATHERS NAME : Sri. Late. THAVURYA

DATE OF BIRTH : 16-08-1974

SEX : Male

NATIONALITY : Indian Hindu

MARITAL STATUS : Married

LINGUESTIC PROFICIENCY : English, Telugu, Hindi.

**DECLARATION:**

I hereby declare that above furnished information is correct and I am responsible for its accuracy.

Place:

Date: **Signature of Applicant**

 **(B. RAVINDAR)**