

RESUME



Dr D. DEVAIAH

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Application for the Post of Associate Professor in **Mechanical Department**.

- I am a good academician having 25 years of experience in teaching, Industrial, Research and Administration.
- I started my career as faculty in Engineering College. I presented number of national and international conference papers and has delivered many technical lectures and also published two International Journals.
- I organized many seminars, workshops and quality improvement courses and received appreciations. And also responsible for establishing and development of Labs in Mechanical Department.

I. ACADEMIC RECORD:

1. FET Qualified 2010(JNTU)
2. B.Tech in Mechanical Engineering from Vasavi College of Engineering, Hyderabad with 56% in the year of 1991 to 1995.
3. M. Tech in CAD/CAM from JNTU, Kakinada with 64% in the year of 2003 to 2005.
4. Title of Thesis: "Workspace Regions and Singularity curves of planar 3-RPR parallel manipulator".
5. Doctor of Philosophy (Ph.D): Area: Friction Stir Welding from Osmania University, Hyderabad, 2013 to 2019.
6. Research Topic: "Optimization of Process Parameters in Friction Stir Welding Of Aluminum Alloys".

II. CAREER RECORD:

- Presently working as Assistant Professor in University college of Engineering, husnabad, satavahana university, from August 2025 to till now.
- Presently working as Associate Professor in Nigama Engineering College, Sambaiahpally, Peddapally from March 2025 to july2025.
- Presently working as Principal in Nigama Engineering College, Sambaiahpally, Peddapally from February 2020 to March 2025
- Worked as Associate Professor in Vaageshwari College of Engineering, Karimnagar from January 2017 to February2020
- Worked as Associate Professor in Nigama Engineering College Sambaiahpally, Peddapally from November 2015 to January 2017.
- Worked as Associate Professor in Jyothishmathi Institute of Technology and Science, Nustulapur, Karimnagar from June 2013 to November 2015.
- Worked as Associate Professor in Trinity College of Engineering & Technology at Karimnagar from November 2008 to June 2013.
- Worked as Associate Professor (HOD of Mechanical Dept) in Mother Theresa College of Engineering & Technology, Peddapally, Karimnagar from 6th February 2006 to 18th November 2008.
- Worked as Project Engineer in Well-Alliance Ltd, Chandrapur, Maharashtra State from April 1999 to June 2003.
- Apprenticeship in HAL in Hyderabad from March 1998 to March 1999.
- Worked as Project Engineer in Baba construction Company Ltd, Chandrapur, Maharashtra State from January 1996 to February 1998.

III. RESEARCH ACTIVITY:

A INTERNATIONAL JOURNALS: 15

1. **D. Devaiah, K.Kishore, P. Laxminarayana, "Optimization of Process Parameters in Friction Stir welding of dissimilar aluminium alloys (AA5083 and AA6061) Using Taguchi Technique"** International Journal of Innovative Research in Science, Engineering and Technology. ISSN(Online): 2319-8753,ISSN (Print): 2347-6710 (An ISO 3297: 2007 Certified Organization) Vol. 5, Issue 8, August 2016, pp15303-15310, DOI:10.15680/IJRSET.2016.0508131

2. **D. Devaiah, K. Kishore, P. Laxminarayana, "Study the Process Parametric Influence on Impact Strength of Friction Stir Welding of Dissimilar Aluminum Alloys (AA5083 and AA6061) using Taguchi Technique "** International Advanced Research Journal in Science, Engineering and Technology, ISSN (Online) 2393-8021 ISSN (Print) 2394-1588, ISO 3297:2007 Certified Vol. 3, Issue 10, October 2016, pp 91-98, DOI 10.17148/IARJSET.2016.31018.
3. **D. Devaiah, Dr. K. Kishore and Dr. P. Laxminarayana, "Effect of Material Location and Tool Rotational Speed on the Mechanical Properties of Dissimilar Friction Stir Welded Aluminum Alloys (5083-H321to 6061-T6)"** Bonfring International Journal of Industrial Engineering and Management Science, Vol. 6, No. 4, December 2016, ISSN 2277-5056|© 2016 Bonfring, pp186-190, DOI:10.9756/BIJIEMS.8311.
4. **D. Devaiah, K. Kishore, P. Laxminarayana, "Effect of Welding Speed on Mechanical Properties of Dissimilar Friction Stir Welded AA5083-H321 and AA6061-T6 Aluminum Alloys"**, International Journal of Advanced Engineering Research and Science (IJAERS), Vol-4, Issue-3, Mar- 2017, ISSN: 2349-6495(P) | 2456-1908(O), PP22-27. <https://dx.doi.org/10.22161/ijaers.4.3.4>
5. **D. Devaiah, K. Kishore, P. Laxminarayana, "Parametric Optimization of Friction Stir Welding Parameters Using Taguchi Technique for Dissimilar Aluminum Alloys (AA5083 and AA6061)"**, IOSR Journal of Engineering (IOSRJEN) ISSN (e): 2250-3021, ISSN (p): 2278-8719 Vol. 07, Issue 09 (September. 2017), ||V3||, PP 44-49.

B INTERNATIONAL CONFERANCES: 07

1. **D. Devaiah, K. Kishore, P. Laxminarayana "Optimal FSW process parameters for dissimilar aluminium alloys (AA5083 and AA6061) Using Taguchi Technique"** ICMPC 2017, 7th International Conference of Materials Processing and Characterization. ELSEVIER, Science Direct, Materials Today: Proceedings 5 (2018), pp 4607–4614. Available online at www.sciencedirect.com.
2. **D.Devaiah, "Design and fabrication of Automatic paper Punching and Cutting Machine By using Geneva mechanism"** in the international Conference on innovations & Discoveries in Science , Engineering and Management (ICIDSEM-2018) held on 9th-10th April 2018 at Vaageswari College of Engineering, Karimnagar, T.S.

C: NATIONAL CONFERANCES: 1

1. I presented a paper entitled “A study of Friction Stir Welding of AA6061 Aluminium Alloy” during the National Conference held on 18th February 2012 at Kamala Institute of Technology & Science, Narasingapur, Karimnagar.

D: COURSES & WORKSHOPS: 16

1. I participated on One-day National Workshop on “Applications of Design of Experiments & Finite Element Techniques in Mechanical Engineering” organized by Department of Mechanical Engineering on 7th February 2009 at Kamala Institute of Technology & Science, Singapur, Karimnagar.
2. I participated in Three days Workshop on “Engineering Research Methodology” held at University College of Engineering(Autonomous), Osmania University, Hyderabad during 26th- 28th, August 2013.
3. I participated in a Three - Days National Workshop on "Friction Stir Welding, NDT and Optimization" by the Mechanical Engineering Department under TEQIP-II during 9th - 11th January 2014.
4. I participated on One-day National Workshop on "Advances in Materials Joining Technologies 2015 [AMJT2015]" organized by The Indian Institute of Welding, Hyderabad Branch on 29th May 2015.
5. I participated in the One Week Short Term Course "EXPERIMENTAL TECHNIQUES AND DATA ANALYSIS" held on 22-26 April, 2019 in the Department of Mechanical Engineering, University College of Engineering (Autonomous), Osmania University, Hyderabad, Telangana State-500 007.
6. I participated in the One Week Faculty Development Programme on " Pedagogy and ICT in Higher Education", organized by the Teaching Learning Centre, NIT Warangal in association with the Vaageshwari College of Engineering, Karimnagar during 13th -18th May2019.

IV. COURSES TAUGHT:

Engineering Drawing	Design of Machine members-I & II
Machine Tools	Engineering Mechanics
Thermodynamics	Production Technology
Kinematics of machines	Mechanics of Fluids
Dynamics of machines	Hydraulic Machinery & Systems

CAD/CAM

V. PERSONAL DETAILS:

Name : D.DEVAIAH.
Father's : D.RAJAIAH.
Date of Birth : 02— 06—1970
Sex : Male.
Qualification : Ph.D, Mechanical Engineering.
Marital Status : Married.
Nationality : Indian.
Mother tongue : Telugu.

Correspond-Address : H.No.4-69-38/6/A/2, Road No 10. Karthikeyanagar, Near KCR
building, Teegalaguttapally , Karimnagar, Telangana, India - 505 001.
Permanent Address : Post: Narsingapur, Mandal: Veenavanka, District: Karimnagar,
Telangana, India. - 505 502.
Languages : Telugu, English & Hindi.

VI. DECLARATION:

I hereby declare that the above given particulars are true to the best of my knowledge and belief.

(D.DEVAIAH)