

## RESUME

**Name:** Kelli Durgaprasad

**Employee ID:** A5MEC00T65

**Designation:** Assistant Professor

**Department:** Mechanical Engineering, Aditya Institute of Technology and Management, K.Kotturu, Tekkali-532201, Srikakulam Dist, Andhra Pradesh



**Father Name:** Kelli Latchanna

**Mother Name:** Syamamma

**Reservation Category (If any):** OBC (BC-A)

**Address:** Kotabommali, Srikakulam-532195, Andhra Pradesh

**Email id:** [durgaprasad322@gmail.com](mailto:durgaprasad322@gmail.com)

**Date of joining in the institution:** 01-08-2020

### Academic Excellence:

QUALIFICATION	BOARD / UNIVERSITY	DIVISION	YEAR
Ph.D (Mech. Eng.)	IIT Guwahati		2014-Pursuing
M.E (Manufacturing)	NIT Agartala	FIRST Class	2014
B.Tech (Mech. Eng.)	AITAM-Tekkali	FIRST class	2010

### Total Years of Experience (Teaching/Industry): 03Years

Period		Organization/Institution	Designation
Aug 2010	May 2012	NCC Limited	Jr. Engineer
Aug 2021	Till date	AITAM, Tekkali	Assistant Professor

**Areas of Interest:**

1. Production Technology
2. Machine Tools
3. Unconventional Machining Processes
4. Metrology
5. Modern Manufacturing Methods
6. Magnetic field assisted welding

**Softwares:**

- 3D CAD models: Auto-CAD, Pro-E, Solid works, CATIA
- Machining Software's: Master Cam
- Simulation: COMSOL, Ansoft Maxwell
- Analysis software's: Mini Tab, Origin, Design Expert, Xpert high score-XRD

**Other Responsibilities:**

- Worked as “**General Secretary**” for Brahmaputra Hostel-IIT Guwahati

**Details of Publications:**

1. B.Chodhuri, K.Durgaprasad, S.Debbarma, A.Majumder, S.C.Saha, “Parametric Optimization and Cost Estimation of AA 6061 Weldments In Friction Stir Welding”, *International Journal of Mechanical and Production Engineering*, vol. 2, April-2014
2. K.Durgaprasad, S.C.Saha, “Friction Stir Welding of Aluminum and Steels: A State of Art Review”, *National Conference on Advances in Welding Technology*, Vol 1, May 2013
3. K.Durgaprasad, TanmoyMedhi, SubodhDebarma, S.C.Saha, “Effects of Process Parameters on Microstructure and Mechanical properties in Friction Stir Welding: A Review” *National Conference on Advances in Welding Technology*, Vol 2, Nov-2013

**Details of Conferences / Workshops attended:**

- Teaching Assistant, NPTEL Online course, Advanced Machining Processes, 2016
- One-day workshop on "DSC-TG thermal analysis of materials", IIT GHY, 2019
- One-day National workshop on “Contemporary and Future perspectives of Physics applicable to Science and Technology-Challenges and Opportunities”, NIT Agartala-2013
- Two day workshop on “Recent Advances in Welding Process”, NIT agartala-2014

**Other Achievements:**

1. Qualified in GATE 2011
2. Qualified in GATE 2012
3. General Secretary, SAC Member, Gymkhana member, IIT Guwahati, 2015-16
4. Head of PPL League, IIT Guwahati, 2015-17
5. IIT level Cricket Winner 2015-16, IIT Guwahati
6. IIT level Cricket runner 2016-17, IIT Guwahati
7. IIT level Cricket Winner 2017-18, IIT Guwahati

*K. Dwga Prasad*

**Signature**