

## Resume



A ASHOK KUMAR

Assistant Professor

M.Tech. in Materials Technology, NIT Warangal

B.Tech. in Metallurgy & Materials Technology, MGIT, JNTU Hyderabad

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### Professional Experience:

- 1)Assistant Professor in Metallurgical and Materials Engineering Dept. RGUKT-Basar (working since 2011)
- 2)Engineer (Process Optimization) in Bushan Steel Limited, Dhenkanal, Orissa. (Aug-2010 to Jan-2011)
- 3)Diploma Trainees in BHEL, Lingampally-Hyd (JUN-DEC 2003)
- 4)Diploma Trainee in Ashok Leyland (Ductron Casting) Hyderabad ( JAN-JUL 2004)

### Research Areas:

- 1)Physical Metallurgy
- 2)Friction stir welding and Processing
- 3)Synthesis of Carbon Nanomaterials

### Research publications:

(Citations link: <https://scholar.google.com/citations?user=aRM5GnIAAAAJ&hl=en>)

### After joining RGUKT Basar:

- 1)“Effect of Aluminum addition on the properties of CoCuFeNiTi High Entropy alloys”, A.Ashok Kumar et.al., **Materials Today: Proceedings**, <https://doi.org/10.1016/j.matpr.2018.08.163>
- 2)“Effect of Heat Treatment on Microstructure and Properties of High Entropy Alloy Reinforced Titanium Metal Matrix Composite” A.Ashok Kumar et.al., **Materials Today: Proceedings**, <https://doi.org/10.1016/j.matpr.2019.07.088>
- 3)“Microstructural Evolution of Inconel 718 during Pancake Forging” A.Ashok Kumar et.al., **Transactions of Indian Institute of Metals**, <https://doi.org/10.1007/s12666-019-01645-9>

### Thesis Supervised:

- 1)Number of Ph.D. Supervised:0
- 2)Number of M.Tech. Supervised:0
- 3)Number of B.Tech. Supervised: 25

### Memberships:

- 1)Life Member of Indian Institute of metals
- 2)Life Member of Indian Institute of Mineral Engineers