

**Dr. B. Ratna Sunil**

Associate Professor

Mechanical Engineering

Bapatla Engineering College, Bapatla.

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**Research interests**

His research areas include advanced materials and manufacturing processes, nanomaterials, biomaterials, severe plastic deformation techniques, solid state welding, processing of magnesium alloys and composites, modeling and simulation of medical implants.

**Education**

**PhD:** Indian Institute of Technology Madras, Chennai

**M.E:** Osamina University, Hyderabad

**B.E:** Andhra University, Visakhapatnam

**D.M.E:** M.B.T.S. Government Polytechnic, Guntur

**Awards & Honors:**

- 1) Erasmus plus staff mobility program 2017-18 (European commission).
- 2) Associate fellow (elected), Andhra Pradesh Akademi of Sciences (2017)
- 3) Sudharshan Bhat memorial award for the best PhD thesis IIT Madras, Chennai (2015)
- 4) First runner up prize for the best poster presentation in PANIIT-Research Expo, Shaastra 2014, IIT Madras, Chennai.
- 5) BAJPAI – SAHA award, Society for Biomaterials and Artificial Organs – India (SBAOI), (2012).
- 6) Student travel award, Workshop organized by Prof. D F Williams March 16-17, 2011 SCTIMST, Thiruvananthapuram, Kerala.
- 7) First class with distinction in M.E. (Production Engineering) (admitted through GATE 2004)

**Publications:**

No of International Journals: 31 (SCI), 26 (SCOPUS)

No of National Journals: 0

No of Other publications: 05

No of International Conferences: 27

No of National Conferences: 10

No of Patents: 10

No of Invited Talks: 16

No of Books: 01 (Taylor & Francis, USA)

No of Book Chapters: 04