

# Dr. Atluri Venkata Ratna Prasad



**Designation** : Principal  
**E-Mail ID** : principal@vrsiddhartha.ac.in  
**Contact at** : Department of Mechanical Engineering,  
 Velagapudi Ramakrishna Siddhartha Engineering College,  
 Kanuru, Vijayawada, Andhra Pradesh 520007.

## Education

### Ph. D (Mechanical Engineering)

2007, Jawaharlal Nehru Technological University, Hyderabad

### M.Tech (Mech. Handling Sci. Tech.)

1991, IIT, Kharagpur

### B.Tech (Mechanical Engineering)

1989, Nagarjuna University, Guntur

## Experience

Period	Designation	Institution / Organization
2014 – Till Date	Principal	Velagapudi Ramakrishna Siddhartha Engineering College
2008-2014	Professor & HOD	Velagapudi Ramakrishna Siddhartha Engineering College
2005-2008	Associate Professor	Velagapudi Ramakrishna Siddhartha Engineering College
1992-2005	Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College

## Research Interests

### Broad Area of Research :

- Composite Materials, Two-Phase flow in pipe lines (Air-Lift Pump)

## Honors and Awards

- Received Gold medals at S.S.C. and Intermediate levels for securing highest marks
- Recipient of National merit scholarship throughout the Educational career
- Received highest citations award from 'Journal of Materials & Design (Elsevier) in 2015 and second time in 2017 for one of the papers published and placed in the cover page of the journal
- Received '**Outstanding contributor award**' as Reviewer in 2017 from **Journal of Industrial Crops & Products**(Elsevier), Amsterdam, The Netherlands
- Awarded with CMI level 5 certificate in Management and Leadership by CMI (Chartered Management Institute), UK in 2019
- Recognized master trainer/Resource person, mentor and Evaluator for National Board Accreditation (NBA), New Delhi, on Outcome based Education since 2012 and visited more than 10 institutions in the country

## Courses Taught

- Solid Mechanics, Advanced Mechanics of Materials
- Design of Machine Elements, Design of Transmission Systems
- Concurrent Engineering

## Research Profile

### Publications

The recent publications and research contributions can be viewed from the following URLs

Google Scholar	<a href="https://scholar.google.co.in/citations?hl=en&amp;user=X-2oAKcAAAAJ">https://scholar.google.co.in/citations?hl=en&amp;user=X-2oAKcAAAAJ</a>
Scopus	<a href="https://www.scopus.com/authid/detail.uri?authorId=14043944600">https://www.scopus.com/authid/detail.uri?authorId=14043944600</a>
ORCID	<a href="http://orcid.org/0000-0002-1690-3322">http://orcid.org/0000-0002-1690-3322</a>
Publons	<a href="https://publons.com/researcher/1650605/vratna-prasad-atluri/">https://publons.com/researcher/1650605/vratna-prasad-atluri/</a>
Research Gate	<a href="https://www.researchgate.net/profile/Ratna_Prasad_A_V">https://www.researchgate.net/profile/Ratna_Prasad_A_V</a>
LinkedIn	<a href="https://in.linkedin.com/in/atluri-v-ratna-prasad-84aa9015a">https://in.linkedin.com/in/atluri-v-ratna-prasad-84aa9015a</a>

### Recognized Research Supervisor

S.No.	Department	University
01.	Mechanical Engineering	Jawaharlal Nehru Technological University, Anantapur
02.	Mechanical Engineering	Jawaharlal Nehru Technological University, Hyderabad
03.	Mechanical Engineering	Nagarjuna University, Guntur

## Funded Research Projects

<b>Completed</b>	05
<b>On-going</b>	01
<b>Applied</b>	NIL

## Consultancy / Industry Projects

<b>Completed</b>	01
<b>On-going</b>	02
<b>Applied</b>	NIL

## Patents

<b>Granted</b>	NIL
<b>Published</b>	04
<b>Filed</b>	NIL

## Invited Talks

<b>No. of Invited Talks</b>	12
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## Professional Service / Reviewer

- Journal of Bio-Resources Engg
- Polymer Testing
- ASTM journal of Testing & Evaluation
- Journal of Thermoplastic composite Materials
- Journal of Industrial Crops and Products (Elsevier)
- Indian Journal of fibre and Textile research
- Journal of Waste and Biomass Valorization (Springer Publishers)
- Journal of Advances in Mechanical Engineering, Journal of Fatigue (Elsevier)
- International Journal of Sustainable Built Environment (Elsevier),
- Journal of Material letters (Elsevier)
- Journal of Sustainable Cities and Society (Elsevier),
- Journal of Physical Review & Research International (science Domain),
- Journal of Composite Interface (Taylor & Francis) ,
- ARPN Journal of Engg& Applied Sciences
- Intercontinental journal of Bio-Agricultural Science (Nigeria)
- International Journal of Polymer Engineering
- International Journal of "Polymer Composites" ( Wiley Publishers)

- International Journal of “Reinforced Plastics and Composites” (Sage Publications)
- International Journal of “Materials and Design” (Elsevier publishers)
- Recent Patents on Materials Science (Bentham Science Publishers)
- Scientific Research and Essays (Academic Journals)
- Natural Polymers (RSC Publishing) – Book Chapter
- International Journal of Scientific Research and Essays
- Journal of Chemical Engineering and Material Science
- Indian Journal of Engineering and Material Science

## Professional Development Activities - Participations

<b>Faculty Development and Training Programmes(at least 5 Days)</b>	22
<b>International / National Level Conferences</b>	32 / 03
<b>Workshops</b>	21
<b>Instructor Led / Self-Paced Courses</b>	14
<b>Webinars</b>	15

## Professional Bodies Membership Details

Life Member	Indian Society for Technical Education (ISTE)
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(Dr. AV Ratna Prasad)