

# Dr B. Raghava Rao



**Designation** : Professor  
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**Contact at** : ME212, Department of Mechanical Engineering,  
 Velagapudi Ramakrishna Siddhartha Engineering College,  
 Kanuru, Vijayawada, Andhra Pradesh. 520007.

## Education

### Ph. D (Heat transfer in Composite Materials)

2015, Jawaharlal Nehru Technological University, Kakinada

### M.E (Heat transfer and Energy systems)

1988, A.U. College of Engineering, Andhra University, Visakhapatnam

### B.E (Mechanical Engineering)

1986, A.U. College of Engineering, Andhra University, Visakhapatnam

## Experience

Period	Designation	Institution / Organization
2009- Till Date	Professor	Velagapudi Ramakrishna Siddhartha Engineering College
1998-2008	Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College
1997-1998	Sr. Lecturer	Velagapudi Ramakrishna Siddhartha Engineering College
1989-1997	Lecturer	Velagapudi Ramakrishna Siddhartha Engineering College
1988-1989	Supervisor Gr-I	Andhra Pradesh Foods, Nacharam IDA, Hyderabad

## Research Interests

### Broad Areas of Research :

- Thermal aspects in Composite materials
- Thermal ablation
- Internal and External Compressible flows
- CFD

## Honors and Awards

- National Merit Scholarship for marks secured in Class-X and School 2<sup>nd</sup> topper
- College topper for marks secured in Intermediate.
- Third rank in B.E. (Mechanical engineering with Marine as Elective)

## Courses Taught

- Thermodynamics, Heat transfer, IC Engines and Gas Turbines, Measurements (UG)
- Power plant Engineering, Refrigeration & Air conditioning, Engineering Mechanics (UG)
- Advanced Fluid Mechanics, Advanced Heat transfer, Computational Fluid Dynamics (PG)
- Thermal Engineering Labs in UG program , FEM and CFD labs in PG program

## Research Profile

### Publications

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

Google Scholar	<a href="https://scholar.google.com/citations?hl=en&amp;user=-KFgntAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=-KFgntAAAAAJ</a>
Scopus	<a href="https://www.scopus.com/authid/detail.uri?authorId=56578365400">https://www.scopus.com/authid/detail.uri?authorId=56578365400</a>
ORCID	<a href="https://orcid.org/0000-0001-7521-890X">https://orcid.org/0000-0001-7521-890X</a>
Mendeley	<a href="https://www.mendeley.com/authors/56578365400/">https://www.mendeley.com/authors/56578365400/</a>
Research Gate	<a href="https://www.researchgate.net/profile/Raghavarao_Boppudi">https://www.researchgate.net/profile/Raghavarao_Boppudi</a>
LinkedIn	<a href="https://www.linkedin.com/in/raghava-rao-boppudi-305028172/">https://www.linkedin.com/in/raghava-rao-boppudi-305028172/</a>

### Recognized Research Supervisor

S.No.	Department	University
01.	Mechanical Engineering	Jawaharlal Nehru Technological University, Kakinada

### Funded Research Projects

Completed	01
On-going	01
Applied	01

### Invited Talks

No. of Invited Talks	14
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## Professional Service / Reviewer

- Reviewer in Materials Today: Proceedings

## Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	8
International / National Level Seminars	04 / 05
International / National Level Conferences	07 / 02
Workshops	12
Instructor Led / Self-Paced Courses	2
Webinars	9

## Professional Bodies Membership Details

M-117454 / 6	Institution of Engineers India (MIE)
LM-	Indian Society for Technical Education (ISTE)
VJA Subchapter	The Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE)

(B. Raghava Rao)

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