

# Dr. M.BALAJI



**Designation** : Associate Professor  
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**Contact at** : ME307, Department of Mechanical Engineering,  
 Velagapudi Ramakrishna Siddhartha Engineering  
 College, Kanuru, Vijayawada, Andhra Pradesh 520007.

## Education

### Ph. D (Machine Design and Manufacturing)

2018, Jawaharlal Nehru Technological University, Kakinada

### M.Tech (Machine Design)

2007, Andhra University, Visakhapatnam

### B.Tech (Mechanical Engineering)

2001, Jawaharlal Nehru Technological University, Hyderabad

## Experience

Period	Designation	Institution / Organization
2018- Till Date	Associate Professor	Velagapudi Ramakrishna Siddhartha Engineering College
2015-2018	Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College
2007-2015	Assistant Professor	Vignan University, Vadlamudi, Guntur (Dist)
2005-2006	Assistant Professor	Koneru Lakshmaiah College og Engineering, Vaddeswaram.

## Research Interests

### Broad Area of Research :

- Machine Design
- Tool Condition Monitoring
- Optimization

## Honors and Awards

- Best Teacher Award – 2009” presented by Vignan’s Engineering College for Outstanding Overall academic performance in 2008 – 2009.
- Best Teacher Award – 2010” presented by Vignan’s University for Outstanding Overall academic performance in 2009 – 2010.

## Courses Taught

- Design of Machine elements-I
- Design of Machine elements-II
- Kinematics of Machines
- Engineering Mechanics
- Fluid Mechanics & Hydraulic machines
- Engineering Graphics
- Machine Drawing
- Production Drawing

## 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?user=HyE_niIAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=HyE_niIAAAAJ&amp;hl=en</a>
Scopus	<a href="https://www.scopus.com/authid/detail.uri?authorId=56979072700">https://www.scopus.com/authid/detail.uri?authorId=56979072700</a>
ORCID	<a href="https://orcid.org/0000-0002-1211-393X">https://orcid.org/0000-0002-1211-393X</a>
Publons	<a href="https://publons.com/researcher/1510443/dr-m-balaji/">https://publons.com/researcher/1510443/dr-m-balaji/</a>
Mendeley	<a href="https://www.mendeley.com/authors/56979072700/">https://www.mendeley.com/authors/56979072700/</a>
Research Gate	<a href="https://www.researchgate.net/profile/Balaji_Mangalagiri">https://www.researchgate.net/profile/Balaji_Mangalagiri</a>
LinkedIn	<a href="https://www.linkedin.com/in/balaji-mangalagiri-56a91b86/">https://www.linkedin.com/in/balaji-mangalagiri-56a91b86/</a>

### Funded Research Projects

Completed	NIL
On-going	NIL
Applied	01

### Invited Talks

No. of Invited Talks	01
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## Professional Service / Reviewer

Sl.No	Name of the Journal	Indexing
1	Indian Journal of Engineering & Materials Sciences (IJEMS)	(NISCAIR), ISSN: 0975-1017 (Online); 0971- 4588 (Print)Scopus Journal
2	MEASUREMENT	ISSN: 0263-2241, SCI Journal
3	Multidiscipline Modeling in Materials and Structures	ISSN: 1573-6105, Scopus Indexed Journal
4	3D Research	Springer, Scopus Indexed journal
5	Advances in Manufacturing	Springer
6	Materials Today Proceedings	Scopus Indexed Journal

## Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	08
International / National Level Seminars	03 / 05
International / National Level Conferences	06 / 05
Workshops	09
Webinars	08

## Professional Bodies Membership Details

M-1678080	Institution of Engineers India (IEI)
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(Balaji Mangalagiri)

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