

## Dr. Kolla Narendra



**Designation** : Associate Professor and HoD  
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 Velagapudi Ramakrishna Siddhartha School of Engineering,  
 Kanuru, Vijayawada, Andhra Pradesh 520007.

## Education

### Ph. D (Physics)

2012, Acharya Nagarjuna University, Guntur

### M.Phil (Physics)

2008, Acharya Nagarjuna University, Guntur

### PGDCA

1999, University of Hyderabad, Hyderabad

### M.Sc (Physics)

1997, SSL Jain College, Vidisha, Affiliated to Barkatulla Vishwavidyalaya, Bhopal

### B.Sc (M.P.C)

1995, P.B. Siddhartha College of Arts & Science, Vijayawada

## Experience

Period	Designation	Institution / Organization	Key Responsibilities
31-7-2025 to till date	Associate Professor	V. R. Siddhartha School of Engineering	HOD, Ph.D. guidance, Teaching & Research
20-09-2018 to 30-07-2025	Associate Professor	Velagapudi Ramakrishna Siddhartha Engineering College	Ph.D. guidance, Teaching & Research, ISO, NSS PO.
2004-2018	Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College	Teaching & Research, ISO, NSS PO.
1999-2004	Lecturer	Vijetha Junior & Degree College, Hyderabad	Teaching
1998-1999	Lecturer	GVR & S College, Guntur	Teaching

## Research Interests

### Broad Area of Research :

Thermodynamic and Transport Properties of Liquid Mixtures, Excess Thermodynamic Properties.

### Honors and Awards

- **Certificate of merit** from District Collector, Krishna District on 15-08-2024.
- **Savior of life award** from Urban Development Corporation, Vijayawada on 19-05-2024.
- **Outstanding Scientific Award** in the 10<sup>th</sup> International Scientist Awards on Engineering Science and Medicine held on 26<sup>th</sup> & 27 –Sep-2020. Hyderabad. Organized by *VDGOOD Professional Association*.
- Received '**Best NSS Programme Officer**' award from JNTUK, Kakinada on 07-07-2020.
- Received '**Chukkapalli PITCHAIAH Best Teacher Award**' from Siddhartha Academy, Vijayawada on 20-12-2019.
- Received '**Unsung Hero's Award**' for best support of blood camp-2019 from Rural and Urban Development Society on 15-12-2019.
- Received '**Chatrapathi Award-2019**' for the Voluntary Blood donation & Social Activities from Shivaji Youth Foundation, Nellore on 17-02-2019.
- Received '**Flag Bearer Award**' from Red Cross Society, Vijayawada on 02-10-2015.

### Courses Taught

S.No	Course Name	Level (UG/PG)
1.	Engineering Physics	UG
2.	Applied Physics	UG
3.	Physics for Engineers	UG
4.	Material Science	UG

### Research Profile

#### Publications:128

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

Google Scholar	<a href="https://scholar.google.co.in/citations?user=6mzfQk0AAAAJ&amp;hl=en&amp;oi=ao">https://scholar.google.co.in/citations?user=6mzfQk0AAAAJ&amp;hl=en&amp;oi=ao</a>
Scopus	<a href="https://www.scopus.com/authid/detail.uri?authorId=36523792600">https://www.scopus.com/authid/detail.uri?authorId=36523792600</a>
ORCID	<a href="http://orcid.org/0000-0002-0347-3845">http://orcid.org/0000-0002-0347-3845</a>
Publons	<a href="https://publons.com/researcher/1387285/kolla-narendra/">https://publons.com/researcher/1387285/kolla-narendra/</a>
Research Gate	<a href="https://www.researchgate.net/profile/Narendra_Kolla4">https://www.researchgate.net/profile/Narendra_Kolla4</a>
LinkedIn	<a href="https://www.linkedin.com/in/dr-kolla-narendra-20809a86/">https://www.linkedin.com/in/dr-kolla-narendra-20809a86/</a>

#### Recognized Research Supervisor

S.No.	Department	University
1.	Physics	Siddhartha Academy of Higher Education Deemed to be University

## Funded Research Projects

S.No.	Type	Title	Status	Funding Agency	Amount (INR)	Duration

## Administrative Roles

S.No.	Role	Institution	Duration	Responsibilities
1.	HOD, Physics	SAHE, V.R. Siddhartha School of Engineering	31-07-2025 to till date	Curriculum design, Ph.D guidance, teaching, research, academic leadership, NBA/NAAC co-ordination, ISO, IQAC coordination and anti-Ragging
2.	Block Incharge (SH-1)	SAHE, V.R. Siddhartha School of Engineering	2022 to till date	Monitoring the classwork, Time table preparation, communication with parents, academic discipline, maintaining the first year meetings records.

## Certifications/MOOC Courses Completed

S.No.	Title	Platform	Duration	Year
1.	Quantum Mechanics	Coursera	3 months	May 2020
2.	Physics of Silicon Solar Cells	Coursera	3 months	Oct'2020

## Consultancy / Industry Projects

Completed	
On-going	
Applied	

## Patents

S.No	Title	Status	Application No.	Year
1.	Zinc comprising nanoparticles and related nanotechnology	Published	202241039514	2022

## Ph.D

Awarded	NIL
Guiding	ONE

## Invited Talks

No. of Invited Talks	01. Role of nano materials in electronics on 5-11-2021.
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## Professional Service / Reviewer

- Reviewer of Journal of Thermal Analysis and Calorimetry
- Reviewer of International Journal of Ambient Energy
- Reviewer of Journal of Chemical & Engineering Data
- Reviewer of Journal of Molecular Structure
- Reviewer of Indian Chemical Engineer
- Reviewer of Journal of the American Oil Chemists' Society
- Reviewer of Journal of Thermophysics and Heat Transfer
- Reviewer of Research Journal of Chemistry and Environment

## Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	21
International / National Level Seminars	10 / 13
International / National Level Conferences	18 / 24
Workshops	22
Instructor Led / Self-Paced Courses	-
Webinars	39

## Professional Bodies Membership Details

S.No.	Membership No.	Society Name
1.	LM-265	The Indian Thermodynamic Society
2.	LM-307	Ultrasonic Society of India
3.	IASTA-LM-623	Indian Aerosol Science and Technology Association
4.	917829	Asian Council of Science Editors
5.	34075051	American Chemical Society

11-9-2025

(Dr. Kolla Narendra)

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