

# Dr.SK.Fakruddin Babavali



**Designation** : Assistant Professor  
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**Contact at** : S&H-I 306, Emp.Id: 90011, Department of Physics,  
 Velagapudi Ramakrishna Siddhartha Engineering College,  
 Kanuru, Vijayawada, Andhra Pradesh 520007.

## Education

### Ph. D (Physics) with Good Appreciation

2017, RU (A.P.State Govt University),Kurnool,A.P.,India.

### M.Phil (Physics) with First Class(77%)

2007, Periyar University(Tamilnadu State Govt University),Tamilnadu,India

### PGDCA with First Class (77%)

2006,Recognised by Andhra Pradesh Board of Computer Education.

### M.Sc (Physics) in First Class with Distinction(76%)

2005, Acharya Nagarjuna University (A.P.State Govt University),Guntur,A.P.,India.

### B.Sc (Physics) in First Class with Distinction(82%)

2003, Acharya Nagarjuna University (A.P.State Govt University),Guntur,A.P.,India.

## Experience

Period	Designation	Institution / Organization
2007-Till date	Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College
2005-2007	Lecturer for UG level	A.M. College,Guntur

## Research Interests

### Broad Area of Research :

Acoustical ,Thermodynamical & IR Spectroscopic Studies,  
 Material Science Related -Molecular Interaction Studies (Ultrasonics),  
 Nano Oxide Structures and Carbon Nano Spherical Structure Studies

## Honors and Awards

- Best Researcher award received for 2019 from Atom Research Society (UK) on 8<sup>th</sup> March 2020.
- Received Appreciation from Commissioner of Police, Vijayawada for the Sincere and Dedicated Service during Krishna Pushkaralu-2016.
- Best Paper presentation award received by Dr.G.Srinivas (Jt.Secretary, UGC Southern Region) in National Seminar organised by A.C.College , Guntur on 2<sup>1st</sup> & 2<sup>2nd</sup> Oct 2011.

## Courses Taught

- **Engineering Physics-EMF Theory**  
Electrostatics,Magnetostatics,Types of electric Magnetic materials and Time varying fields.
- **Applied Physics**  
Quantum Mechanics,Lasers,Fibre Optics,Holography and Nanotechnology.
- **Physics for Engineers**  
Crystallography,Acoustics,Thermal Performance,Engineering Materials and Nanotechnology
- **UG-B.Sc**  
Waves & Oscillations,Optics & Thermodynamics,Electricity,Magnetism & Modern Physics

## Research Profile

**Publications : Total:46 ( International :44 National : 02)**

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

<b>Google Scholar</b>	<a href="https://scholar.google.co.in/citations?user=hd21Ba0AAAAJ">https://scholar.google.co.in/citations?user=hd21Ba0AAAAJ</a>
<b>Scopus</b>	<a href="https://www.scopus.com/authid/detail.uri?authorId=57188719988">https://www.scopus.com/authid/detail.uri?authorId=57188719988</a>
<b>ORCID</b>	<a href="https://orcid.org/0000-0002-3462-2575">https://orcid.org/0000-0002-3462-2575</a>
<b>Publons</b>	<a href="https://publons.com/search/?search=FAKRUDDIN">https://publons.com/search/?search=FAKRUDDIN</a>
<b>Research Gate</b>	<a href="https://www.researchgate.net/profile/Dr_Fakruddin">https://www.researchgate.net/profile/Dr_Fakruddin</a>

## Funded Research Projects

<b>On-going</b>	00
<b>Applied</b>	01

## Patents : 02

<b>Published</b>	02
<b>Applied</b>	00

## Invited Talks

<b>No. of Invited Talks</b>	04
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## Professional Service / Reviewer

- Editorial Board Member in Ariviyal Chemical Science & Engineering Research Journal.
- Reviewer in Journal of Molecular Liquids, Elsevier (Impact Factor : 6.63)
- Reviewer in Arabian Journal of Chemistry, Elsevier (Impact Factor : 4.039)
- Reviewer in KIJOMS (Karbala International Journal),Elsevier-Scopus (Impact Factor : 4.561)
- Reviewer in Rasayan Journal of Chemistry, Scopus
- Reviewer in Review of Research International Journal , UGC-Approved
- Reviewer in Material Science Research India International Journal.

## Professional Development Activities - Participations

Faculty Development and Training Programmes	15
International / National Level Seminars	12 / 16
International / National Level Conferences	09 / 06
Workshops	22
Instructor Led / Self-Paced Courses	04
Webinars	20

## Professional Bodies Membership Details

LM-87779	The Indian Society for Technical Education (ISTE)
LM 12877	Indian Physics Association (IPA)
LM-266	The Indian Thermodynamic Society(ITS)

(Dr.SK.Fakruddin Babavali)

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