

**Dr.SK.Fakruddin Babavali**

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| **SF PHOTO (1).jpg** | **Designation**  **E-Mail ID**  **Contact at** | **:** Assistant Professor  **:** [drfakruddin786@gmail.com](mailto:drfakruddin786@gmail.com), fakruddinspnl@gmail.com  **:** 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**

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

**Research Interests**

**Broad Area of Research :**

Molecular Interaction Studies (Ultrasonics)

Acoustical ,Thermodynamical & IR Spectroscopic Studies,

Nano Oxide Structures and Carbon Nano Spherical Structure Studies

**Honors and Awards**

* Best Researcher award received for 2019 from Atom Organisation (UK,UAE) on 8th 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 21st & 22nd 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:42 ( International :40 National : 02)**

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

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| **Google Scholar** | <https://scholar.google.com/citations?user=gdl_WFUAAAAJ&hl=en> |
| **Scopus** | <https://www.scopus.com/authid/detail.uri?authorId=57188719988>  <https://www.scopus.com/authid/detail.uri?authorId=38961198400> |
| **ORCID** | <https://orcid.org/0000-0003-3028-4406> |
| **Publons** | <https://publons.com/search/?search=FAKRUDDIN> |
| **Research Gate** | <https://www.researchgate.net/profile/Dr_Fakruddin> |

**Recognized Research Supervisor**

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| **S.No**. | **Department** | **University** |
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**Funded Research Projects**

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| --- | --- |
| **Completed** | 00 |
| **On-going** | 00 |
| **Applied** | 01 |

**Consultancy / Industry Projects**

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| --- | --- |
| **Completed** | 00 |
| **On-going** | 00 |
| **Applied** | 00 |

**Patents**

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| **Granted** | NIL |
| **Published** | 00 |
| **Applied** | 00 |

**Invited Talks**

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| **No. of Invited Talks** | 02 |

**Professional Service / Reviewer**

* 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

**Professional Development Activities - Participations**

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| **Faculty Development and Training Programmes** | 10 |
| **International / National Level Seminars** | 10 / 15 |
| **International / National Level Conferences** | 08 / 05 |
| **Workshops** | 19 |
| **Instructor Led / Self-Paced Courses** | 04 |
| **Webinars** | 20 |

**Professional Bodies Membership Details**

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| 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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