

Dr. K. S. K. R. Chandra Sekhar



Designation : Senior Assistant Professor
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Contact at : Department of Physics,
Siddhartha Academy of Higher Education,
Deemed to be University, Kanuru, Vijayawada,
Andhra Pradesh 520007.

Education

Ph. D (Physics)

2021, A. U. College of Engineering (A), Andhra University, Visakhapatnam, A.P., India.

M.Sc (Physics)

2008, Andhra University, Visakhapatnam, A. P., India.

B.Sc (M.P.C)

2006, Andhra University, Visakhapatnam, A. P., India.

Experience

Period	Designation	Institution / Organization	Key Responsibilities
2023 – Till date	Assistant Professor	Siddhartha Academy of Higher Education, Vijayawada	Departmental R & D Coordinator and Academic
2022–2023	Assistant Professor	GIET (A), Rajamahendravaram	Academic & Research
2009–2011	Assistant Professor	V. S. M. College of Engineering, Ramachandrapuram	Lab In-Charge and Academic
2008–2009	Lecturer – UG Level	V. S. M. College, Ramachandrapuram.	Academic.

Research Interests

Broad Area of Research:

Lead free ferroelectrics, relaxor, antiferroelectric, and piezoelectric systems, Energy harvesting, and electrocaloric materials, Magneto Electric Coupling in Multiferroics and Nanomaterials.

Courses Taught

S.No	Course Name	Level (UG/PG)
1.	Applied Physics (JNTU – K syllabus)	UG
2.	Physics (For M.Sc. Applied Chemistry, Integrated Course, 1 st – 3 rd Semester) (Andhra University Syllabus)	PG
3.	Materials Science (Andhra University Syllabus)	UG
4.	Engineering Physics (Andhra University Syllabus)	UG
5.	Physics for B. Sc (Optics, Thermodynamics, Electricity & Magnetism, and Modern Physics) (Andhra University Syllabus)	UG

Research Profile

Publications: Total: 26 (International: 26 National: 00)

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

Google Scholar	https://scholar.google.com/citations?hl=en&user=ILV_ILcAAAAJ
Scopus	https://www.scopus.com/authid/detail.uri?authorId=57217838851
ORCID	https://orcid.org/0000-0003-3608-1327
Research Gate	https://www.researchgate.net/profile/Chandra-K-S-K-R

Recognized Research Supervisor

S.No.	Department	University
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Funded Research Projects

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

S.No.	Role	Institution	Duration	Responsibilities
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Certifications/MOOC Courses Completed

S.No.	Title	Platform	Duration	Year
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Consultancy / Industry Projects

Completed	Nil
On-going	Nil
Applied	Nil

Patents

S.No	Title	Status	Application No.	Year
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Ph.D

Awarded	Nil
Guiding	Nil

Invited Talks

No. of Invited Talks	Nil
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Professional Service / Reviewer

- Ceramics International (Elsevier)
- Inorganic Chemistry Communications (Elsevier)
- Journal of Materials Science: Materials in Electronics (Springer)
- Journal of Inorganic and Organometallic Polymers and Materials (Springer)

Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	06
International / National Level Seminars	25
International / National Level Conferences	05
Workshops	30
Instructor Led / Self-Paced Courses	--
Webinars	10

Professional Bodies Membership Details

S.No.	Membership No.	Society Name
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(Dr. K. S. K. R. Chandra Sekhar)

10 – 09 - 2025
