

# Profile

## Ms. K.Seshulatha



**Assistant Professor**

**Physics**

**14/02/1986**

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### Education:

Details	Year	Institution	Percentage/Grade
UG	2006	Adharsa Mahila kalasala , Vijayawada	58.75
PG	2008	Andhra Loyola College, Vijayawada	67.85
Ph.D.	Pursuing	KLEF, Vijayawada	

### Experience:

Period	Designation	Institution / Organization
2008-2009	Teacher	KKR's Gowtham International School, Vijayawada
2009-2021	Lecturer	Andhra Loyola College ,Vijayawada
2021-till date	Assistant Professor	

### Courses Taught:

Year	Title(s) of the Courses
<b>2017-2018</b> <b>2018-2019</b>	Quantum Mechanics, Statistical Mechanics, Condensed Matter Physics, Atomic and Molecular Physics
<b>2019-2020</b>	Quantum Mechanics, Statistical Mechanics, Condensed Matter Physics, Atomic and Molecular Physics
<b>2020-2021</b>	Quantum Mechanics, Statistical Mechanics, Condensed Matter Physics, Atomic and Molecular Physics
<b>2021-2022</b>	Quantum Mechanics, Statistical Mechanics, Condensed Matter Physics, Atomic and Molecular Physics
<b>2022-2023</b>	Electronic Instrumentation, Electricity, Magnetism & Electronics

### Research Profile:

**Research Area: GLASS SCIENCE**

**Research Publications:**

## LIST OF PUBLICATIONS

1. Optical properties of Na<sub>2</sub>SO<sub>4</sub>–B<sub>2</sub>O<sub>3</sub>–P<sub>2</sub>O<sub>5</sub> glasses doped with TiO<sub>2</sub>

Ch. Srinivasa Rao\*, K.Seshulatha, Y.S. Gurupria, Prem Sagar, M. VijayKumar, S. SaibabaVali, D. Ramanjaneyulu, S. Kotireddy

Materials Today: Proceedings 5 (2018) 26217–26222

Available online at [www.sciencedirect.com](http://www.sciencedirect.com)

2. White light emission and spectroscopic studies of dysprosium doped bismuth antimony fluoroborate glasses for optoelectronic devices

Gunjan Mahajan , M.V.V.K Srinivas Prasad , K. Swapna , K. Seshulatha , G.G. Dhar , A.S. Rao

<https://doi.org/10.1016/j.optmat.2024.115067>

<https://www.sciencedirect.com/journal/optical-materials>

**Professional Development Activities – Participations****<Details of FDP / PDP / Seminars /Conferences etc.>**

Year	Programme	Number
2017-2018	Seminars	1
2018-2019	Seminars	2
2019-2020	Seminars/Conferences	2
2020-2021	Seminars	3
2021-2022	Seminars/Conferences	2
2022-2023	Seminars/Conferences	4