

# Faculty Profile

## **Dr. K. A. Jamal Basha**

Lecturer in Physics,  
Govt. Degree College for  
Men (A),Kadapa,  
Andhra Pradesh.  
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Name : Dr. K.A. JAMAL BASHA  
Father Name : K.A. JAMALUDDIN  
Sex : Male  
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E-Mai ID : jamalbashakhanahammad@gmail.com  
Designation : Lecturer in Physics  
College : Govt . College for Men {A} Kadapa  
Qualification : M.Sc., Ph-D, AP-SET.  
Area of Expertise : **Solar cell - Thin films**

## **Academic Record:**

S.No	Course	Institute/University	Year of Passing	% of Marks	Division
1	Graduation	Sri Venkateswara University, Tirupati	2000	86 %	Distinction
2	Post Graduation	ANU University Guntur	2006	58.5 %	Second
3	APSET	Osmania University Hyderabad	2012	----	-----
4	Ph-D	Sri Venkateswara University, Tirupati	2023	-----	-----

**Professional Experience:**

S. No	Name & Address of Institute	Post held	From	To	Job Type
1	Govt. College for Men(A), Kadapa	Lecturer in Physics	24.09.2021	Till date	Regular
2	Govt. Degree College, Porumamilla	Lecturer in Physics	22.05.2013	24.09.2021	Regular
3	Govt. Jr College, RLY Koduru, Kadapa	Junior Lecturer	16.04.2004	21.05.2023	Regular
4	Govt. Jr College, Porumamilla, Kadapa	Junior Lecturer	29-05-2008	15.04.2004	Regular
5	Municipal Elementary School, Markapuram, Prakasam	SGT	16.06.2007	28.05.2008	Regular
6	ARM High School, Perala, Chirala, Prakasam.	SGT	13.11.2000	15.06.2007	Regular

**Attended R C /O C**

S.No.	Course	University	Date
1	Refresher Course	Human Resource Development Centre, S. V. University, Tirupati	11-07-2006 to 30-07-2006
2	Orientation Course	Human Resource Development Centre (HRDC), JNTU, HYDERABAD.	03-08-2020 to 10-09-2020
3	Refresher Course	Teaching Learning Center, Ramanujan College, University of Delhi, Delhi.	10-04-2022 to 24-04-2022
4	Refresher Course	Human Resource Development Centre, S.V. University, Tirupati	02-02-2023 to 15-02-2023
5	Refresher Course	Malaviya Mission Training Center, S.V. University, Tirupati.	14-10-2023 to 27-10-2023

## FDP

S.N.	Course	Organization	Date
1	Faculty development programme	New Knowledge in Physics and Energy materials, Commissionerate of Collegiate Education, Vijayawada	06-07-2020 to 10-07-2020
2	Faculty development programme	Qis College of Engineering and Technology, Ongole	26-05-2020 to 30-05-2020
3	Faculty development programme	Recent trends in Applied physics and Material science, Qis College of Engineering and Technology, Ongole	08-06-2020 to 12-06-2020
4	Faculty development programme	Energy Research, Satyabhama Institute of science and Technology,	26-05-2020 to 30-06-2020
5	Faculty development programme	TOT on Solar Energy, Commissionerate of Collegiate Education, Vijayawada	10-08-2022 to 14-08-2022

## Papers Published in International Journals:

S.No.	Article Title	Journal	ISSN No.	Impact Factor	Year
1	Effect of bath temperature on the structural and optical properties of nickel sulphide (NiS) films prepared by chemical bath deposition. DOI : 10.35291/2454-9150.2021.0524	International Journal for Research in Engineering Application & Management (IJREAM)	2454-9150		2021
2	Effect of deposition time on the properties of NiS films prepared by chemical bath deposition DOI: <a href="https://doi.org/10.17485/IJST/v15i45.1783">10.17485/IJST/v15i45.1783</a>	<i>Indian Journal of Science and Technology,</i>	0974-6846		2022
3	Optical analysis of RE <sup>3+</sup> (re = Sm, Dy): MgLa <sub>2</sub> V <sub>2</sub> O <sub>9</sub> phosphors. <a href="https://doi.org/10.1080/07315171.2023.2300597">doi.org/10.1080/07315171.2023.2300597</a>	Ferroelectrics	1563-5228	0.50	2024
4	Effect of Ar-flow variation on physical properties of Al-ZnO films prepared by RF sputtering used for solar cell application. <a href="https://doi.org/10.1007/s12648-024-03287-0">doi.org/10.1007/s12648-024-03287-0</a>	<i>Indian Journal of Physics</i>	0974-9845	1.60	2024

### **Conferences/Seminars/ Workshops/ Papers Presentation:**

1. *National Seminar on Advanced Trends in Material Science*, Govt. College for Men (Autonomous), Kadapa, A.P. March 10, 2017.
2. *National Conference on Novel Materials for Device Application*, S.V. University, Tirupati. September 16-17, 2017.
3. *Webinar on Energy Research, Centre for Nano- science and Nano- technology*, Satyabhama Institute of Science and Technology, Chennai. May 26-30, 2020.
4. *International Virtual Seminar on Emerging Technologies - Energy Conversion and Storage*, Centre for Nano- science and Nano- technology, Satyabhama Institute of Science and Technology, Chennai. Jun 1-2, 2020.
5. *International Conference on Optoelectronics and Advanced Materials*, S.V. University, Tirupati. March 26-27, 2021.
6. *National Conference on Recent Trends in Material Science*, Govt. College for Men (Autonomous), Kadapa, A.P, Sep 23-24, 2022.
7. *National Conference on Pollution control and Sustainable Environment*, Govt. College for Men (Autonomous), Kadapa, A.P., Feb 24-25, 2023.
8. *International Conference on Advanced Materials, Devices and Technologies (ICAMDT-2023)*, S.V. University, Tirupati, 6-7 November 2023
9. *National conference on 'New and Renewable Energy Resources for Sustainable Future-2023'* at Yogi Vemana University, Kadapa, 7 & 8<sup>th</sup> December, 2023
10. *National Conference on Novel Materials for Sustainable Development (NMSD-2024)*, Department of Physics, Govt. Degree College, Porumamilla, Kadapa, A.P, March 15-16, 2024

### **Other Responsibilities**

- : 1.Convenor, Differently Able Students Welfare Committee  
2.Member, Community service Project.  
3.Member, Certificate Course Committee.  
4.Member, Infrastructure and Learning Resource Committee in NAAC

**Dr. K.A Jamal Basha**