

# **PVKN Government College (A), Chittoor**

## **Personal Profile**



**Name of the Lecturer** : Dr. P. MALLIKA BRAMARAMBA DEVI

**Designation** : Lecturer in Physics (Regular)

**Department** : Department of Physics & Electronics

**Educational Qualifications** : M.Sc., M.Phil., P.hD.,

**Nationality** : Indian

**Employee ID** : 1262314

**Date of entry into the Service** : 19-04-2021

**Date of joining in the Present station** : 28-03-2023

**Email address** : [mallikabramarambadevi@gmail.com](mailto:mallikabramarambadevi@gmail.com)

**Mobile no.** : 6281983738

## **Research Activity**

### **(a) P.hD.,**

**Title** : Investigations on PVA capped SnS Films  
prepared using Chemical Bath Deposition

**University** : Sri Venkateswara University, Tirupati

**Date of Award** : 29-09-2021

### **(b) M.Phil.,**

**Title** : Investigations on PVA capped SnS Films  
prepared using Chemical Bath Deposition

**University** : Sri Krishnadevaraya University, Ananatapur.

**Date of Award** : 21-11-2005

## I Educational Qualifications

<b>Exam. Passed  (Please Specify Degree Name)</b>	<b>Name of the Board/University</b>	<b>Month &amp; Year Passed</b>	<b>Class/ Div/</b>	<b>% of Marks/ Division</b>	<b>Subject/s studied</b>
<b>10<sup>th</sup> Class</b>	School Secondary Board	March 1995	First	75.33 I	English, Hindi, Telugu Maths. Physical Sciences, Social studies, Natural Sciences,
<b>Intermediate</b>	Board of Intermediate Education	April 1997	First	60.2 I	Mathematics Physics Chemistry
<b>B.Sc.,</b>	S.V. University	August 2000	Distinction	83.16 Distinction	Mathematics Physics Electronics
<b>M.Sc.,</b>	S.K. University	June 2002	First	74.58 I	Physics
<b>M.Phil</b>	S.K. University	Nov 2005	First	I	Physics
<b>Ph. D.</b>	S.V University	Sep 2021	First	I	Physics
<b>SET/SLET</b>	Osmania University	27 <sup>th</sup> July 2012	Qualified	I	Physics

## II Teaching Experience

Name of the University/Institution	Designation	Nature of post Temporary /Permanent	Duties Performed apart from normal teaching	Length of experience	
				From	To
PVKK Degree College, Anantapur	Lecturer	Temporary		2002	2005
CMI Degree College, Anantapur	Lecturer	Temporary		2005	2006
Sri Chandra Reddy Degree College, Nellore	Lecturer	Temporary		2006	2010
Dr. B.R. Ambedhkar Open University , Govt. college for Men, Anantapur	Academic Counselor	Temporary		2002	2006
Govt. Junior College, Lingala	Lecturer	Regular		19.04.2021	27-03-2023
P.V.K.N Govt. College (A), Chittoor	Lecturer	Regular	1. Incharge, Dept. of Physics & Electronics 2. Blended B.Sc., Course Coordinator 3. APSSDC Coordinator 4. NAAC Criteria VII Convener	28-03-2023	Till date

### III Research Publications :

Sl. No	Title	Journal with ISSN/ISBN No.	Year/Volume Page No.
1.	<b>P. Mallika Bramaramba Devi</b> G. Phaneendra Reddy and K.T. Ramakrishna Reddy (2019). “Structural and optical studies on PVA capped SnS films grown by chemical bath deposition for solar cell application”.	ISSN: 0976-6499. Journal of Semiconductors	Volume 6 115523 2019
2.	<b>P. Mallika Bramaramba Devi</b> , G. Phaneendra Reddy and K.T. Ramakrishna Reddy (2019). “Optical investigations on PVA capped SnS nanocrystalline films deposited by CBD process”.	ISSN: 0976-6553. Materials Research Express	Volume 6 115523 2023
3.	<b>P. Mallika Bramaramba Devi</b> , G. Phannendra Reddy and K.T. Ramakrishna Reddy (2019). “Effect of deposition time on structural, morphological and optical properties of PVA capped SnS films grown by CBD process”.	ISSN: 0976-6510. Semiconductors	Volume 14 (2) PP. 10-17, 2023
4.	G. Phannendra Reddy <b>P. Mallika Bramaramba Devi</b> and K.T. Ramakrishna Reddy (2020). “Effect of deposition time on structural, morphological and optical properties of PVA capped SnS films grown by CBD process”.	ISSN: 0976-6510. Chinese Journal of Physics	
5	<b>P. Mallika Bramaramba Devi</b> and K.T. Ramakrishna Reddy (2023). “Effect of PVA concentration on structural, morphological, optical and electrical properties PVA capped SnS nanocrystalline films grown by chemical bath deposition”.	ISSN: 0976-6499. International Journal of Advanced Research in Engineering and Technology (IJARET)	Volume 14 (7) PP. 1-14, 2023
6	<b>P. Mallika Bramaramba Devi</b> and K.T. Ramakrishna Reddy (2023). “Composition and Electrical properties of PVA capped SnS nanocrystalline films grown by chemical bath deposition”.	ISSN: 0976-6553. International Journal of Electrical Engineering and Technology (IJEET)	Volume 14 (6) PP. 1-8, 2023
7	<b>P. Mallika Bramaramba Devi</b> and K.T. Ramakrishna Reddy (2023). “Synthesis of Nanocrystalline SnS films by capping with PVA using CBD process for solar cell applications: A comprehensive optical study”.	ISSN: 0976-6510. International Journal of Production Technology and Management (IJPTM)	Volume 14 (2) PP. 10-17, 2023

## II Papers presented in Conferences/Seminars:

Sl.No.	Name of the Conference (International/National)	Organized by	Title of the Paper	Date/ Period
1	International conference on Advanced Materials, Devices and Technologies (ICAMDT- 2023)  (International)	Sri Venkateswara University, Tirupati.	Effect of PVA concentration on Structural and Optical properties PVA capped SnS films grown by chemical bath deposition”	06 <sup>th</sup> &07 <sup>th</sup> November, 2023
2	International Conference on Materials Science (ICMS- 2022)  (International)	J. N. T. U., Anantapur.	Structural and Optical investigations on PVA Capped SnS Nanocrystalline Films Grown by CBD process	11-13, April 2022
3	International conference on optoelectronics and Advanced materials (ICOAM- 2022)  (International)	Sri Venkateswara University, Tirupati.	Structural and optical properties of PVA capped SnS films	26-27, March 2021
4	National seminar on Recent advances in materials and chemical sciences (RAMCS- 2019)  (National)	Sri Venkateswara University, Tirupati.	Structural properties of nano crystalline PVA capped SnS thinfilms grown by CBD	28 <sup>th</sup> , March 2019

5	International conference on exploring nanostructures for Enhanced power conversion efficiency of solar cells <b>(ICENES- 2019)</b>  <b>(International)</b>	The Gandhigram Rural Institute, Tamilnadu.	Optical investigation on PVA capped SnS nanocrystalline films deposited using CBD process.	07- 08, January, 2019
6	National conferences on Novel Materials For Device Applications <b>(NCNMDA- 2018)</b>  <b>(National)</b>	Sri Venkateswara University, Tirupati.	Optical Properties of PVA capped SnS layers grown by CBD process	04 – 05, , Nov., 2018

### III Workshops Attended :

Sl.No	Workshop	Organized by	International/ National/ State/University level	Date/ Period
1.	Spectroscopic Techniques in Materials Science : Rare Earths	Department of Physics, SV University, Tirupati & Rare Earths Association of India	International	23 <sup>rd</sup> September 2023
2	Ferrites: Synthesis, Characterization & Applications	J. N. T. U., Anantapur.	National	July 28 <sup>th</sup> , 2019
3	Novel Materials And Technologies	Sri Venkateswara University, Tirupati.	National	Sept. 16-17, 2017

## IV Professional Competencies Development

( List of Orientation Programmes/Refresher Courses/Training Programmes Attended)

Sl.No	Name of the Course	Conducted by	Period
1.	Training Programme – “Capacity Building Programme in English Proficiency” for Govt. Degree College Lecturers, AP.	Commissionerate of Collegiate Education (CCE), AP at English and Foreign Languages University (EFL), Hyderabad.	10 <sup>th</sup> -21 <sup>th</sup> April 2023

## V As Resource Person in Workshop/Seminars/Training programmes

S. No.	Name of the Seminar / Workshop/Training Programme	Organized by	Title of the presentation	Date
1	TOTs (Training of Trainers) on English Medium of Instruction, Proficiency in English for Govt. Degree College Lecturers, AP.	Commissionerate of Collegiate Education (CCE), AP.	“Teaching in English and Development of Fundamental Skills”	Batch 1 7 <sup>th</sup> June, 2023 & Batch II 14 <sup>th</sup> June, 2023

## VI Certificate course designing and as resource person

S. No.	Title of the certificate course	Duration of the certificate course	Audience/Learners	Period
1	Nanotechnology	30 Hrs	UG students	October & November 2023

## VII Guest Lectures delivered in colleges/Institutions

S. No.	Topic of the lecture	College/Institution	Audience/Learners	Date
1	Advances in Physics	Smt. NPS Govt. College for Women, Chittoor.	I B.Sc., Chemistry and Computer Science students	12 <sup>th</sup> December 2023

## VII Expert lectures delivered during faculty exchange programme

S. No.	Topic of the lecture	College/Institution	Audience/Learners	Date
1	Essentials of Physics and Advances in Physics	Smt. NPS Govt. College for Women, Chittoor.	I B.Sc., Computer Science students	02-12-2023 to 11-12-2023
2	Essentials of Physics and Advances in Physics	Smt. NPS Govt. College for Women, Chittoor.	I B.Sc., Chemistry students	02-12-2023 to 11-12-2023