Department of S&H

Faculty(Details)

Name: Dr.CH.PRAMEELA

Designation: Assoc.professor

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Qualification:M.Sc, M.Phil, Ph.D

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No.of Papers communicated : 6

1. Structural, Optical and Electrical properties of $(V_2O_5)_{1-x}$ - $(MoO_3)_x$ thin films
   Ch. Prameela, M. Anjaiah, K. Krishna Murthy, K. Srinivasarao
   Indian Journal of Pure and Applied physics, Vol.51, Aug 2013, 563-568.

2. Structural, Raman and Infrared properties of V_2O_5 and $(MoO_3)_x$ -$(V_2O_5)_{1-x}$ composites
   Ch. Prameela and K. Srinivasarao
   International Journal of ChemTech Research, Vol.6, No.3, May-June 2014, 1746-1748.

3. Characterization of $(MoO_3)_x$ -$(WO_3)_{1-x}$ composites
   Ch. Prameela and K. Srinivasarao
   International Journal of Applied Engineering Research, Vol.10, No.4, 2015, 9865-9875.

4. Preparation and Characterization of r.f. magnetron sputtered porous ZnO thin films
   K. Srinivasarao, **Ch. Prameela,** P. Venkatakala, P. K. Mukhopadhya
   Materials Today: Proceedings, 2 (2015), 4503-4508.

5. Optical and IR studies on $(MoO_3)_{1-x}$ - $(WO_3)_x$ mixed oxide thin films
   Ch. Prameela, M. Anjaiah, K. Krishna Murthy, K. Srinivasarao
   Physics and Chemistry of Glasses: European Journal of Glass Science and Technology Part B, Volume 57, Number 3, June 2016, 139-145.

6. Physical investigations on $(MoO_3)_x$ – $(WO_3)_{1-x}$ composite thin films
   K. Srinivasarao, **Ch. Prameela**
   J. Surface Sci. Technol. Vol 35(1-2), pp. 26-35, June 2019.

No. of Abstracts presented: 5

1. The effect of Mo doping on physical and optical properties of R. F Magnetron sputteredZnO thin films
   K. Srinivasarao, G. Srinivasarao, **Ch. Prameela**, K. Krishna Murthy, B. Rajinikanth, P. K. Mukhopadhyay (presented poster at AMCT-2013 workshop, SV University, Tirupathi, India).

2. Structural, Raman and Infrared properties of V_2O_5 and $(MoO_3)_x$- $(V_2O_5)_{1-x}$composites **Ch. Prameela**, K. Srinivasarao (poster presented at ICMCT-2014 ,International conference on materials characterization and techniques, VIT University, Vellore, India).

3. PreparationandCharacterizationofr.f.magnetron sputteredporous ZnOthinfilms K. Srinivasarao,**Ch. Prameela**, P. VenkataKala ,P. K. Mukhopadhyay (poster presented at ICONSEA-2014 , international conference on nano science and engineering applications, JNTUH, Hyderabad, India).

4. Characterization of $(MoO_3)_x$ - $(WO_3)_{1-x}$composites **Ch.Prameela** and K.Srinivasarao(poster presented at International seminar on Glasses and other functional materials, Department of physics, Acharya Nagarjuna University, Guntur, AP, India).

5. Structural, optical, ir properties of $(MoO_3)_{1-x}$-$(WO_3)_x$thin films **Ch.Prameela**, M. Anjaiah, K. KrishnaMurthy, K.Srinivasarao, (poster presented at International seminar on Glasses and other functional materials, Department of physics, Acharya Nagarjuna University, Guntur, AP, India).

No. of Workshops attended : 6

1. Workshop on thin films and fibre optics, November, 19, 2011 ,P. B. Siddhartha College of Arts & Science, Vijayawada, India.

2. Workshop on Advanced Thin Film Techniques,November 1-3, 2012, Sathyabama University, Chennai, India.

3. National workshop on advanced materials characterization techniques, 23rd March, 2013, Sri Venkateswara University, Tirupati, India.

4. International conference in materials characterization and techniques(ICMCT-2014), march 10-12, 2014, VIT University, Vellore, India.

5. International conference on Nano science and engineering applications (ICONSEA-2014), June 26-28, JNTUH, Hyderabad, AP, India.

6. International seminar on Glasses and other functional materials (ISGFM-2014), Dec 11-13,Department of physics, Acharya Nagarjuna University, Guntur, AP, India.

Extra Responsibilities:

1. **NACC (R&D) Member**
2. **NBA coordinator**
3. **Class incharge**
4. **Student Counselor**