

Appendix

INTERNATIONAL PUBLICATIONS

- 1. “Transient photo-response properties of CdTe thin films synthesized by screen printing technique”** Materials Science in Semiconductor Processing, **Elsevier Publication** 71 (2017) 226–231. UGC journal No. 4000.
- 2. “Structural, optical and dielectric properties of CdTe thin films prepared by screen printing technique”,** IJETCAS, 20(1), (2017), 94-99. UGC journal No.48362
- 3. “Growth and Surface Topography of WSe₂ Single Crystal”,** AIP Conference proceeding 1728, 020633-1–020633-4. UGC journal No.48438

CONFERENCES ATTENDED

- 1.** “UGC sponsored national conference on Recent trends in theoretical and experimental physics “ organized by V.P.&R.P.T.P Science college VallabhVidyanagar – 388120,Gujarat, 18th -19th Feb. 2011
- 2.** “3rd Nation Conference on Condensed Matter and Materials Physics” organized by Department of Physics, Sardar Patel University, VallabhVidyanagar – 388120,Gujarat, during 3rd -5th March- 2012
- 3.** State level seminar on Current trends in research and applications of physical science in Gujarat organized by Department of Physics, Sardar Patel University, VallabhVidyanagar – 388 120, Gujarat, on 29th December – 2012
- 4.** U.G.C. Sponsored state level seminar on “Green India through green channels” organized by Department of Physics, Patel J.D.K Davolwala science college, Borsad-388540 on 2nd February-2013.

5. “XXVII Gujarat science congress “jointly organized by Charotar university of science and technology and Gujarat science Academy on 24th February-2013
6. “Nation seminar recent advances in applied science” organized by Shri Alpesh N.Patel postgraduate institute on 8th March -2013.
7. National level seminar on “CRYSTALLOGRAPHY” organized by Department of Physics, Sardar Patel University, Vallabh Vidyanagar – 388 120, Gujarat, on 1st September 2013.
8. NAAC sponsored national seminar on “Empowering Educational System Through Quality Enhancement And Capacity Building Of Teacher And Student” organized by Natubhai V. Patel College of Pure and Applied Sciences on 6-7 December 2013.
9. “International Conference on Recent Trends in Applied Sciences: Building Institutional and Industrial Avenues” On 10th – 12th December, 2015 organized by Shri A. N. Patel P.G. Institute, Anand, Gujarat.
10. UGC sponsored national level Interdisciplinary Research scholars Meet” organized by CISST Sardar Patel University, Vallabh Vidyanagar – 388 120, Gujarat, on 3rd -4th March 2016.
11. National workshop on “Analytical Techniques for Material Characterization” NWATMC-2017 organized by department of Physics, Sardar Patel University on 20th March-2017.

ATTENDED WORKSHOPS

1. National workshop on X-ray diffraction techniques and applications Organized by Department of physics Saurashtra University Rajkot-360 005 (Gujarat) on (17-19) March, 2010.

2. Workshop on “CBCS Compliant Syllabus for semester III to VI of B.Sc(Physics)sponsor by Internal Quality Assurance cell(IQAC) , Sardar Patel University.
3. “National Workshop on Analytical Techniques for Material Characterization”(NWATMC-2017) On 20 March 2017 at Department of physics, sardar patel university, V.V.nagar.

RESEARCH PAPERS PRESENTED AT CONFERENCES / WORKSHOP / SYMPOSIUM

1. **“Synthesis and Characterization of CdTe Thin film by screen-printing”**
National level seminar on “CRYSTALLOGRAPHY” organized by Department of Physics, Sardar Patel University, Vallabh Vidyanagar – 388 120, Gujarat, on 1st September 2013.
2. **“Growth And structural Study Of CdTe thin film”**
“International Conference on Recent Trends in Applied Sciences: Building Institutional and Industrial Avenues” On 10th – 12th December, 2015 organized by Shri A. N. Patel P.G. Institute, Anand, Gujarat..
3. **“Growth and optical characterization Of Cadmium Selenide thin films ”**
“UGC sponsored national conference on Latest development in basic and applied sciences physics” organized by M. B. Patel Science college Anand – 388001 (Gujarat), on 18th – 19th February, 2011.
4. **“Surface Morphological study of Ws₂ and WSe₂ TMDCs Crystals”**“UGC sponsored national conference on Latest development in basic and applied sciences physics” organized by M. B. Patel Science college Anand – 388001 (Gujarat), on 8th – 9th January, 2012.
5. **“Thickness and Annealing Temperature Dependent structural and optical properties of Thermally Evaporated CdS Thin Films”** “National

Workshop on Analytical Techniques for Material Characterization” (NWATMC-2017) On 20 March 2017 at Department of physics, sardar patel university, V.V.nagar.

- 6. “Growth and surface properties of MoTe₂ Single Crystal”** “National Workshop on Analytical Techniques for Material Characterization” (NWATMC-2017) On 20 March 2017 at Department of physics, sardar patel university, V.V.nagar.