

- nanoparticles prepared via layer-by-layer spin-coating.” *Nanotechnology*, 22, 305303, pp. 1-9, 2011.
- [5] Bhavana Godbole, Nitu Badera, S. B Shrivastav, and V. Ganesan, “A simple chemical spray pyrolysis apparatus for thin film preparation.” *Journal of Instrumentation Society of India*, 39(1), pp. 42-45, 2009.
- [6] F.I., Ezema, D.D Hile., S.C., Ezugwu, R.U., Osuji, and P.U. Asogwa, “Optical properties of CdS/CuS & CuS/CdS heterojunction thin films deposited by chemical bath deposition technique.” *Journal of Ovonic Research*, 6(3), pp. 99-104, 2010.
- [7] H. M Pathan., and C.D., Lokhande, “Deposition of metal chalcogenide thin films by successive ionic layer adsorption and reaction (SILAR) method.” *Bulletin of Material Science*, 27(2), pp. 85-111, 2004.
- [8] J Kahee Shin, Sang il Seok, Sang Hyuk Im, and Jong Hyeok Park, “CdS or CdSe decorated TiO₂ nanotube arrays from spray pyrolysis deposition: use in photoelectrochemical cells.” *Chem Commun*, 46, pp. 2385-2387, 2010.
- [9] Danius Perednis, and J. Ludwig Gauckler, “Thin Film Deposition Using Spray Pyrolysis.” *Journal of Electroceramics*, 14, pp. 103-111, 2005.
- [10] M.,Thambidurai,N.Murugan, N. Muthukumarasamy, S. Vasantha, R. Balasundaraprabhu, and S. Agilan, “Preparation and Characterization of Nanocrystalline CdS thin films.” *Chalcogenide Letters*, 6(4), pp.171-179, 2009.
- [11] Y. H. Sun, Y. J., Ge, W. W.Li, F., Huang, Chen, L. Y., Shang, P. X., Yang, and J. H Chu., “Structural and optical analysis of CdS thin films grown by magnetron sputtering technique.” *Journal of Physics*, 276(1), 012187, pp. 1190-1195, 2011.
- [12] A. Ashour, (2003), “Physical Properties of Spray Pyrolysed CdS Thin Films.” *Turk Journal of Physics*, 27, pp. 551-558, 2003.
- [13] Tran Chien Dang, Duy Long Pham, Ha Chi Le, and Van Hoi Pham., “TiO₂/CdS nanocomposite films: fabrication, characterization, electronic and optical properties.” *Adv Nat Sci: Nanoscience Nanotechnology*, 1, 015002 1-5, 2010.
- [14] K. Senthil, D. Mangalaraj, and K. Narayandass, Sa. (2001), “Structural and optical properties of CdS thin films.” *Applied Surface Science*, 169-170,pp.476-479.
- [15] D. Saikia, P.K. Gogoi,. And P.K. Saikia, “Structural and Optical properties of Nanostructured CdS Thin films deposited at different preparative conditions.” *Chalcogenide Letters*, 7(5), pp. 317-324, 2010.
- [16] R. Cheryl Blanchard, “Atomic Force Microscopy.” *The Chemical Educator*, 1(5), pp. 1-8, 1996.
- [17] V. B., Sanap, B.H. Pawar, “Optical study of effect of cadmium sources on nanocrystalline CdS thin films” *Chalcogenide Letter*, 7(3), 227-231, 2010.
- [18] V. Yogesh Marathe, and V.S. Shrivastava “Synthesis and Application of CdS Nanocrystalline thin films.” *Advances in Applied Science Research*, 2(3),pp. 295-301, 2011.