DAFTAR PUSTAKA

[1] D. Ponnamma, J. Cabibihan, M. Rajan, . S. S. Pethaiah, K. Deshmukh, J. P. Gogoi, . S. K. Pasha, M. B. Ahamed, J. Krishnegowda, . B. C. A. R. Polu and C. Cheng, "Synthesis, optimization and applications of ZnO/polymer nanocomposites," *Materials Science and Engineering: C,* pp. 1210-1240, 2019.

[2] R. K. Goyal, Nanomaterials and Nanocomposites; Synthesis, Properties, Characterization Techniques, and Applications, CRC Press, 2018.

[3] R. Kandulna and R. Choudhary, "Concentration-dependent behaviors of ZnO-reinforced PVA–ZnO nanocomposites as electron transport materials for OLED application," *Polymer Bulletin,* p. 75, 2017.

[4] M. Aslam, M. K. Ali and Z. R. Ali , "Polyvinyl alcohol: A review of research status and use of polyvinyl alcohol based nanocomposites," *Polymer Engineering & Science,* 2018.

[5] S. S. B. C. S. S. C. K. R. S. K. P. B. D. and R. R. , "Wide Band Gap Transparent Polymer-Inorganic Composite Thin Films by Dip-Coating Method:Preparation and Characterizations," *International Journal of Polymer Analysis,* p. 29–41, 2015.

[6] A. F. Indratama, Pengaruh Parameter Waktu Spin Coating Terhadap Sifat Listrik Dan Optik Pada Pembuatan Lapisan Tipis Nanokomposit PVA/ZnO, 2021.

[7] W. R. Fadila, Pengaruh Heat Treatment Pada Sifat Kristal, Listrik dan Optik Nanokomposit ZnO/PVA, 2022.

[8] B. D. Malhotra and M. A. Ali, "Chapter 5 - Nanocomposite Materials: Biomolecular Devices," in *Nanomaterials for Biosensors*, William Andrew Publishing, 2018, pp. 145-159.

[9] S. C.B. Gopinath and F. Gang, Nanoparticles in Analytical and Medical Devices, Susan Dennis, 2020.

[10] H. He, "Metal oxide semiconductors and conductors," *Solution Processed Metal Oxide Thin Films for Electronic Applications*, pp. 7-30, 2020.

[11] L. B. R. B. D. B. GW Becker, Engineering Thermoplastics, 1998.

[12] H. .. N. M. M. K. B. B.W. Shivaraj, "Effect of Annealing Temperature on Structural and Optical properties of Dip and Spin coated ZnO Thin Films," *2nd International Conference on Nanomaterials and Technologies*, 2015.

[13] K. Hemalatha, K. Rukmani, N. Suriyamurthy and B. Nagabhushana, "Synthesis, characterization and optical properties of hybrid PVA–ZnO nanocomposite: A composition dependent study," *Materials Research Bulletin*, vol. 51, pp. 438-446, 2014.

[14] A. Mansour, S. Mansour and M. A. Abdo, "Improvement Structural and Optical Properties of ZnO/ PVA Nanocomposites," *IOSR Journal of Applied Physics*, vol. 7, no. 2, pp. 60-69, 2015.

[15] A. Ul-Hamid, A Beginners' Guide to Scanning Electron Microscopy, Springer Nature Switzerland AG, 2018.

[16] M. Lee, X-Ray Diffraction for Materials Research: From Fundamentals to Applications, Apple Academic Press, 2016.

[17] L. Rodrigues and M. Mota, Bioinspired Materials for Medical Applications, Woodhead Publishing, 2016.

[18] D. Vollath, Nanomaterials An Introduction to Synthesis, Properties and Applications Second Edition, Wiley-VCH, 2013.

[19] F. Adams and C. Barbante, Comprehensive Analytical Chemistry, Elsevier, 2015.

[20] S. Sau, S. Pandit and S. Kundu, "Crosslinked poly (vinyl alcohol): Structural, optical and mechanical properties," *Surfaces and Interfaces*, 2021.

[21] T. H. Gfroerer, "Photoluminescence in Analysis of Surfaces and Interfaces," *Encyclopedia of Analytical Chemistry.*