## **References:**

- [1]Thamerk.ibrahim .(2012). Effect of Compression Ratio on Performance of Combined Cycle Gas Turbine.International Journal of Energy Engineering.2 (1), pp.9-14.
- [2]Yousef M. Abdel-Rahim. (2013). Optimum parametric performance characterization.Al-Sood et al. International Journal of Energy and Environmental Engineering.13 (2), pp.4-37.
- [3] Ahmed M. Bagabir. (2011). EXPERIMENTAL AND THEORETICAL STUDY OF MICRO GAS TURBINE .Emirates Journal for Engineering Research.16 (2), pp.79-88.
- [4] Roumeliotis I. and Mathioudakis K. (2007), Water injection effects on compressor stage operation, ASME Journal of Engineering for Gas Turbine and Power, vol. 129, pp. 778-784.
- [5] Poullikkas, 2005, "An overview of current and future sustainable gas turbine technologies", Renewable and Sustainable Energy Reviews- 9, pp. 409–443.
- [6]Lingen Chen, Ye Li, Fengrui Sun, Chih Wu, 2004, "Power optimization of open-cycle regenerator gas-turbine power-plants", AppliedEnergy, vol. 78, pp. 199–218.
- [7] Mustapha Chaker, Cyrus B. Meher-Homji, Thomas Mee, 2004, "Inlet fogging of gas turbine engines—Part III: Fog Behavior in Inlet Ducts, Computational Fluid Dynamics Analysis, and Wind Tunnel Experiments", ASME, Journal of Engineering for Gas Turbine and Power, vol. 126, pp. 571-579.

- [8] Bhargava R., Bianchi M., Peretto A., Spina P. R., 2004 "A feasibility study of existing gas turbines for recuperated, intercooled, and reheat cycle", ASME, Journal of Engineering for Gas turbines and Power, vol.126, pp.531-544.
- [9]Torbidoni L. and Massardo A.F., 2004, "Analytical blade row cooling model for innovative gas turbine cycle evaluations supported by semi-empirical air-cooled blade data", ASME, Journal of Engineering for Gas Turbine and Power, vol. 126, pp. 498–506.
- [10] Horlock, J. H., 1998, "The evaporative gas turbine [EGT] cycle," ASME, Journal of Engineering for Gas turbines and Power,vol.120, pp. 336-343.
- [11] Dechamps P. J., 1998, "advanced combined cycle alternatives with the latest gas turbines" ASME, Journal of Engineering for Gas turbines and Power,vol.120, pp. 350-357.
- [12] Yunus A. Cengel, Michael A. Boles (2006). Thermodynamics an engineering approach. 5th ed. London: McGraw-Hill. p513-576.