- 1.K.Karthikeyan and P.K.Dhal (2018), "Investigation of optimal location an tuning of STATCOM by genetic algorithm based transient stability improvement", Journal of electrical systems, volume 14-2, pp.103-117.
- 2. K.Karthikeyan and P.K.Dhal (2018), "A hybrid BB0-DE optimization with Eigenvalue analysis based transient stability improvement by coordinated design of SVC", Materials Today: Proceedings 5 ,pp. 1239–1249.
- 3. K.Karthikeyan and P.K.Dhal (2018), "Optimal location of STATCOM based dynamic stability analysis tuning of PSS using particle swarm optimization", Materials Today: Proceedings 5 (2018) pp.588–595.
- 4. K.Karthikeyan and P.K.Dhal (2017), "Multi verse optimization technique based voltage stability analysis through continuation power flow in IEEE 57 bus", Energy procedia.
- 5. K.Karthikeyan and P.K.Dhal (2017), "Transient stability enhancement by optimal location and tuning of STATCOM using Biogeography Based Optimization", Indian Journal of Science and Technology, Vol. 8(34).
- 6. K.Karthikeyan and P.K.Dhal (2016), "Transient Stability Analysis by Optimal Location and Tuning of SVC using Biogeography based Optimization", Advances in natural and applied sciences, volume 10(3): pp.215-223.
- 7. K.Karthikeyan and P.K.Dhal (2015), "Transient stability enhancement by optimal location and tuning of STATCOM using PSO", Elsevier Procedia Technology, volume 21 pp.345 351.
- 8. K.Karthikeyan and P.K.Dhal (2015), "Small signal stability enhancement using STATCOM based on Eigen Value Analysis ",Indian Journal of Science and Technology, Vol. 8(34).