**Abstract:**

Abundance of plastic use in day to day life is a global issue. Various problems arising because of its non biodegradable and persisting nature is leading to biodiversity loss increase in global warming , decline of soil fertility, sewage Blockage soil pollution etc.So there is a crucial need for an alternative using Practices .One of such solution is being provided through Bioplastic , which is a biodegradable and ecofriendly polymer having its application in place of commercially available plastic. bioplastic which is low cost, is made up of four substances which are used in our house and is chemical free.Ingredients used are starch, vinegar, water, glycerol. In different ratio to make the plastic more strong and durable we can also add other amendments like vegetable peels. This bioplastic will be dissolve in water within 7-10 days and also it is biodegraded within 7-10 days in soil. It makes the soil more fertile,harmless to animal if ingested by Mistake,so there is a significant impact for bringing sustainable development.