AROCKIA KISHORE **ASHIK** Carbon Smart routing Waste Emission and planning All-time data tracking ensure for more reduced to monitoring technology efficient waste 60% collection Improved Helps with Less IOT Based Environment recycling Manpower Model **GOKUL RAJ** BALAJEE Track the Solar Panels GPS enabled Eco-friendly location that can Process to track the with real power the location trash function time data View fullness Data level for creating Litter free daily optimized Analytcs to alert in case city routes for enhance the collection of overflow usage