

Representative Problem Statements for the IIT Bombay ISRO AICTE Mapathon

1. Map of hospital beds available for COVID treatment
2. Map of locust infestation
3. Map of stubble burning and air quality
4. Map of Indian roads, including rural and urban road networks
5. Map out places affected by diseases outbreaks, such as dengue, malaria, etc
6. Map of archaeological hotspots
7. Flood maps
8. Map of water resources for agriculture and rural drinking supply
9. Map of subsistence farming
10. Map of rural schools, ration shops
11. Wind and Latent Heat Flux Maps
12. Map of climate friendly top 10 cities of India using Weather data
13. Maps for visualizing Heat Island Effect and its impact calculator.
14. Maps for Solar/Wind Energy Potential Forecasting
15. Vulnerability maps for national highway
16. Monthly Scale Wind and Latent Heat Flux Maps
17. Maps for visualizing Heat Island Effect
18. Urban flood mapping and its solution.
19. Maps for Monitoring of urban built-up area based on development control regulation
20. State wise Percent Forest Mapping and afforestation site selection for different type of plant species
21. Monitoring and conservation of waterbody
22. Preparation of cartographic quality map
23. Shoreline Change Maps
24. Land Degradation Maps
25. Choose your own topic