

## **Seminar Topic #2: AI in Smart Cities**

Student has to prepare a report and a presentation based upon the above-mentioned topic and has to present a demonstration on any application of AI in Smart Cities (Improving traffic management through real-time monitoring and predictive modeling, Enhancing public safety through real-time monitoring and data analysis, Optimizing energy consumption through predictive modeling and real-time monitoring, Improving waste management through real-time monitoring and data analysis, Enhancing sustainability through data analysis and predictive modeling)

### **Rubrics:**

- **Pre-submission report** - includes the dataset used to demonstrate the Use case, role and responsibility of each group member, related work, detailed work plan as Gantt chart **(05 Marks)**
- **Hard copy report and Use case demonstration submission- includes content relevance and follows the below sequence: (15 Marks)**
  - Introduction [Significance and scope of the work, impact, Background information, few related applications and objectives]
  - Noteworthy contribution in the related domain [Related work and literature survey]
  - Proposed methodology [Block/sequence diagram of proposed steps, detailed implementation plan]
  - Result analysis [performance analysis on various parameters comparison, and
  - Conclusion
  - References
  - Appendix [Complete code of working project Use case]
- **Seminar and/or Presentation along with Peer evaluation (10 Marks)**

### **Important Guidelines for the Report Preparations**

Font type: Times New Roman

Heading font size: 14

Subheading font size: 12

Body content font size: 12

Text – alignment: justify

Figure caption must be at the bottom of figure

Table caption must be on the top of the table