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Book Title : Machine Learning Techniques for Smart City Applications: Trends and Solutions

Editor: **Dr.D.Jude Hemanth**, Associate Professor, Karunya University, India.

Topics of Interest: (not limited to):

Smart transportation:
- Machine Learning based Intelligent Transportation System (ITS) for effective traffic management
- Machine Learning based License plate detection and categorization of vehicles
- Machine Learning techniques for pot hole detections for accident rate minimization

Smart Surveillance:
- Remote monitoring of house/buildings using IoT and Machine Learning techniques
- Anomaly detection using machine learning techniques for reduction of crime rate
- Machine learning based automated authentication of digital data
- Ethical issues in machine learning based surveillance applications

Smart Health:
- Machine Learning based wearable devices for the assessment of vital parameters of humans
- Machine Learning based Intelligent Assistive devices for physically- disabled people
- Machine Learning based Remote monitoring of the health parameters of elderly/aged people
- Machine Learning based Human Machine Interaction for smart applications

Smart Infrastructure:
- Energy preservation using Machine Learning based automated techniques in houses/buildings
- Machine learning based smart waste disposal/management system
- Machine Learning based intelligent appliances for everyday life
- Role of Machine Learning in smart classrooms for education applications

Smart Energy:
- Smart sensors & ML based intelligent machines for efficient consumption of energy
- Smart grid structures for ML based efficient distribution of energy in rural and urban areas
- Machine Learning based analysis of electricity consumption in urban areas

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