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Title of Special Session	Deep Learning and data Engineering for knowledge discovery
Topics of Interest: Topic 1 Topic 2 Topic 3 Topic 4	- Self-supervised learning techniques for unsupervised feature representation learning. - Attention mechanisms for knowledge discovery. - Deep learning models on large-scale distributed systems. - Data pre-processing techniques - Handling imbalanced datasets in deep learning-based knowledge discovery. - Automated machine learning (AutoML) systems - Optimizing deep learning architectures and hyperparameters. - Integrating structured and unstructured data in deep learning models. - Federated learning techniques for knowledge discovery - Deep learning models for time series forecasting and anomaly detection. - Exploring graph neural networks (GNNs) for knowledge discovery in network-structured data. - Adversarial attacks and defences in deep learning models for robust knowledge discovery. - Deep reinforcement learning approaches for dynamic decision-making and control problems. - Transfer learning techniques for domain adaptation and knowledge transfer in deep learning models.
Session Chair Name: Affiliations: Email:	Name: Dr. Akansha Singh Institution: Professor, SCSET, Bennett University Email: akanshasing@gmail.com Contact: 9897337207 Name: Dr. Krishna Kant Singh Institution: Director, Delhi Technical Campus, Greater Noida Email: krishnaiitr2011@gmail.com Contact: 8057655031