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GRAPH NEURAL NETWORKS FOR MODELING  
TEMPORAL EVOLUTION By Irfan Uddin

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Introduction Temporal relationships between different objects or entities in a network can be modeled as topological

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studying dynamic networks, evolution may occur over time separated by distinct time slices, or it may be triggered by some exogenous event. Most modern information retrieval systems store the timestamp details associated with the piece of

information. The level of granularity for temporal slicing may depend on the type of application or the occurrence some

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complex patterns of change that might be difficult to detect using traditional methods. Time frame table 1: Study time frame

S.NO Research Component Time Required 1. Experimental work/Data collection/Modelling and Computer simulations Six months 2. Analysis and Model Evaluation Six months 3. Thesis writing Six months 2 4 5 6 7 8