CHAPTER 9

COMPUTER SCIENCE

Doctoral Theses

134. AGARWAL (Manoj)
**Multi-Robot Coalition Formation: A Multi-Objective Perspective.**
Supervisor: Dr. Naveen Kumar
Th 21341

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135. AGARWAL (Sumit Kumar)
**Context-Aware Trust Based Mobile Recommender System.**
Supervisor: Dr. Punam Bedi
Th 21076

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136. ANUJA
**Requirement Engineering Process for Multi-Agent Systems**
Supervisor: Dr. Vibha Gaur
Th 21080

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137. **BAJAJ (Monika)**
**Targeted Product Promotion Using Firefly Algorithm on Social Networks.**
Supervisor : Dr. Hema Banati
Th 21079

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138. **BANSAL (Manisha)**
**Approximation Algorithms for Facility Location Problems.**
Supervisor : Dr. Neelima Gupta
Th 21073

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1. Introduction 2. Local search technique 3. A \((3+\varepsilon)\) Approximation Algorithm for the facility location problem with uniform capacities 4. A \((5+\varepsilon)\)-Approximation for capacitated facility location 5. A \((5+\varepsilon)\)-Approximation Algorithm for universal facility location (UniFL) problem 6. Conclusion.

139. **BHATIA (Shveta Kundra)**
**Techniques to Refine Web Session Clustering.**
Supervisor : Dr. V.S. Dixit
Th 21342

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140. MARWAHA (Preeti)
Temporal Enhancement of Web Services.
Supervisor : Dr. Hema Banati
Th 21075

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141. MEHTA (Harita)
Information Theoretic Approach for Hybrid Recommender System.
Supervisor : Dr. V S Dixit
Th 21074

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142. SHARMA (Neeraj Kumar)
Agent-Mediated Attack-Resilient Reputation System for e-Commerce
Supervisor : Dr. Vibha Gaur
Th 21077

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143. VASHISTH (Pooja)

**Trust and Argumentation Based Recommender Systems.**
Supervisor : Dr. Punam Bedi
Th 21078

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