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Proposed Areas of research for PhD candidates:	Computational Complexity and Algorithms: To study complexity of algebraic and combinatorial problems. Our aim is to devise new techniques and algorithms for algebraic problems and to apply them to solve combinatorial problems. a) Investigate graph isomorphism problem. b) Study boolean functions. c) Study exact and approximate algorithms for optimization problems.
Required qualification of applicants	BTech/MTech or equivalent degree in Computer Science or MSc in Mathematics with good score in GATE/NBHM/CSIR.