Improved Local Search Approaches to Solve Post Enrolment Course Timetabling Problem

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Highlights

- Tabu Search with Sampling and Perturbation is efficient in finding feasible solution.
- Simulated Annealing with Reheating eliminates extensive tuning and scalable (runtime).
- It consists of a novel neighbor examination, local optima detection and reheating.
- New best known results for many instances.