

$$\begin{matrix} & 24 \\ \text{F} & 16 \\ & 8 \end{matrix}$$

E

47
31
16

24
16
0

2544

2561

2502

2454

2540

2574

2558

2570

Figure 1. The effect of the number of nodes on the performance of the proposed algorithm. The figure shows the execution time (in seconds) on the y-axis (ranging from 0 to 10) and the number of nodes on the x-axis (ranging from 10 to 100). The execution time increases as the number of nodes increases, and the proposed algorithm (Proposed) consistently shows the lowest execution time compared to the other algorithms (GA, PSO, and ACO).

47
31
16




Figure 1. The structure of the study. The figure shows a timeline of the study. The timeline starts with a box labeled 'Baseline' and ends with a box labeled 'Follow-up'. The timeline is divided into three main sections: 'Baseline', 'Intervention', and 'Follow-up'. The 'Baseline' section includes a box labeled 'Baseline' and a box labeled 'Baseline'. The 'Intervention' section includes a box labeled 'Intervention' and a box labeled 'Intervention'. The 'Follow-up' section includes a box labeled 'Follow-up' and a box labeled 'Follow-up'.