TABLE 1: A comparison of similar papers that solve the university timetabling problem.

Our	>	>	>	I	>	I	>	I
Lemos et al. [28]	>		I	>	>	I	>	>
Veenstra and Vis [27]	>	>	>	>	I	>	>	>
Qu and Burke	>	ĺ	>	>	I	I	I	>
Di Gaspero and Shaerf [25]	>	I	>	>	>	I	I	>
Bolaji et al. [21]	>	I	>	>	I	I	I	>
Chen and Shih [20]	>	I	>	>	I	I		>
Abdullah et al. [19]	>	1	>	>	I	1	I	>
Lu and Hao [15]	>	I	>	>	1	1	I	>
Abuhamdah and Ayob [14]	>	Ι	>	>	I	I	I	>
Aladag and Hocaoglu [13]	>	>	>	>	>	I	I	>
Oladejo et al. [12]	>	I	I	>	I	>	>	I
Philips et al. [11]	>	I	>	>	I	>	>	I
Dimopoulou and Miliotis [9]	>	>	>	>	>	>	>	>
MirHassani [2]	>	>	>	I	I	>	>	I
Characteristics	Course timetabling	Professor assignment	Schedule	Classroom/ space assignment	Department level	Institutional level	Exact method	Nonexact method