

## Details of the Singapore BusTech Grand Challenge

Category	Station	Sponsor	Details
Mechanical	Air-conditioner	Denso International Asia Pte Ltd	Challenge to fix a faulty air-conditioner
	Transmission	Voith Pte. Ltd.	Challenge to fix engine and gear components
	Tyre	Bridgestone Tyre Pte Ltd	Tyre assessment to diagnose the faults based on wear and tears in the 'faulty' tyre.
	Theory	-	Multiple Choice Questions (MCQs) on mechanical questions
Electrical	Door	SMC Corporation (Singapore) Pte Ltd	Challenge to fix a faulty bus door
	Electric	Ngee Ann Polytechnic	Challenges on electrical circuits
	Electric	Republic Polytechnic	
	Theory	-	MCQs on electrical questions
Diagnostics	Diagnostics	Cycle & Carriage Industries Pte Ltd	General assessment of a faulty bus
	Diagnostics	ST Engineering Mobility Services Pte. Ltd.	
	Diagnostics	Volvo Singapore Pte. Ltd.	
	Theory	-	MCQs on issues faced within the bus

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