



NATIONAL ROBOTICS COMPETITION

NRC COSPACE ROBOT CHALLENGE TERTIARY CATEGORY (Rescue Challenge)

ENVIRONMENTAL SUSTAINABILITY



Version: 6 May 2024

Organised by:



SP Singapore Polytechnic

Sponsored by:



Ministry of Education
SINGAPORE

Supported by:



NRC 2024 TERTIARY CATEGORY CHALLENGE BOOKLET CHANGE LOG

Version	Release Date	Description
1.0	6 May 2024	Official Challenge Booklet release

NRC CoSpace Robot Challenge Rules 2024 (Rescue Category – Tertiary Level)

In RCAP CoSpace Rescue Challenge, teams will develop and program appropriate strategies for virtual autonomous robots to navigate through virtual worlds to collect objects while competing with another team's robot that is searching and collecting objects.

The RCAP CoSpace Rescue Simulator (vision) is the only official platform for this league. This simulator allows programs to be developed using a graphical programming interface or C language.



Figure 1: RCAP CoSpace Rescue Challenge (Vision)

For details, refer to the official rules:

[https://robocupap.org/Rule_Book/RCAP_CoSpace_Rescue_University\(Advanced\).pdf](https://robocupap.org/Rule_Book/RCAP_CoSpace_Rescue_University(Advanced).pdf)

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