

Live Session 2 - 21st November 2020 Live Session 3 - 12th December 2020 Live Session 4 - 10th January 2021

Changelog

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eYRC 2020-21: Nirikshak Bot (NB)

Task 4C

Theme Analysis and Implementation

[Last Updated on: **30th December 2020, 07:00 Hrs**]

- 1. Given
- 2. Procedure
- 3. Submitting your Answers

The aim of this task is as follows:

- Understand the **Theme's Rulebook** and analyze it for implementation.
- Describe about your team's approach in solving the theme.

1. Given

NOTE:

- Kindly read the Rulebook available on the portal first and then attempt the questions asked in this task.
- Make sure each member of team understands all sections of the Rulebook and discuss amongst yourselves to clarify any doubts/queries.

Download the following **two** files:

- Welcome to NB theme! Rulebook
- Task 0 Task 1 Task 2
- Task 3 Task 4
 - 4A Path Planning 4B - Develop Ball Navigation Algorithm
 - 4C Theme Analysis and Implementation
- Task 5

Practice Task

Instructions for Task 6

Task 6 Scene Details

Coding Standard

Git and GitHub

Live Session 1 - 24th October 2020

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- theme_analysis_and_implementation.docx
- task_4c_maze_images.zip

2. Procedure

- Read the Rulebook and understand each section.
- Open the theme_analysis_and_implementation.docx file and answer the questions asked.
- Make sure you write your **own** answers to all questions.
- Fill in the details of Team ID, Team Leader Name, College Name, e-mail address and Date.
- Once the document is complete, export it to a PDF and name it as task_4c_theme_analysis.pdf.

3. Submitting your Answers

- For Task_4C submission you have to upload a .pdf file named task_4c_theme_analysis.pdf.
- Now go to the eYRC Portal and follow the instructions to upload this .pdf file for Task_4C (shown in Figure 1).

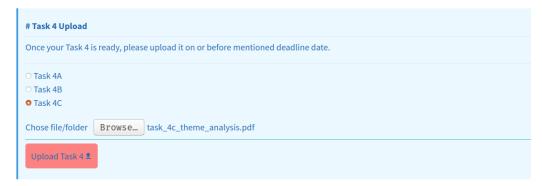


Figure 5: Submission of task_4c_theme_analysis.pdf file on eYRC portal

Congrats, you have successfully completed Task 4C!

Rulebook Task 0

Task 1

Task 2

Task 3

Task 4

Task 5

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Welcome to NB theme!

4A - Path Planning

4C - Theme Analysis and Implementation

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4B - Develop Ball Navigation Algorithm

4C - Theme Analysis and Implementation - eYRC 2020-21: Nirikshak Bot (NB)

After you have successfully submitted Task 4A, 4B and 4C files, you can verify the pdf file
uploaded from the 'Verify Task 4 Upload' section on the eYRC portal. The same is shown is
Figure 2.



Figure 2: Successful submission of Task 4A, 4B and 4C on eYRC portal

ALL THE BEST!!

https://portal.e-yantra.org/storage/ryMPCVnKgx nb/theme analysis implementation.html