

SSN College of Engineering
Department of Computer Science and Engineering
CS1504 — Artificial Intelligence

2020 – 2021

Session — 01

August 06, 2020

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- This homework is due by 4PM on August 06, 2020
 - Grace period may be given up to 5PM on August 06, 2020
 - You can upload only one ZIP file
 - The naming convention is “<Your first name (first letter capital and all the other letters small)>-CS1504-S01.zip”
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1. Give a PEAS description of the task environment for each of the following activities. Include detailed write-up on each aspect of the task environment.
 - (a) SSN wants to develop and deploy a face-recognition based smart attendance system for its employees and students. Provide a detailed PEAS description for the same.
 - (b) SSN wants to develop and deploy an online autonomous proctoring system that can monitor n students through a video communication channel. Provide a detailed PEAS description for the same.
 - (c) SSN wants to develop a team of robotic agents to participate in Robocup soccer competition (<https://2021.robocup.org/>). Provide a detailed PEAS description for such a robotic agent.