

# Humanoid Robot

**Sulakshana Nishikant Bhatlawande<sup>1</sup> and Prachi Prashant Kulkarni<sup>2</sup>**

Lecturer, Department of E&C Engineering, Y. B. Patil Polytechnic, Akurdi, Pune, India<sup>1</sup>

Lecturer, Department of E&C Engineering, Y. B. Patil Polytechnic, Akurdi, Pune, India<sup>2</sup>

sulakshananb@gmail.com and kulkarniprachi18@gmail.com

**Abstract:** *A humanoid robot is a robot simulating the human body. The design is for functional purposes, like interacting with human tools and environments, for the purpose of experimentation, or for other purposes. In general, humanoid robots have body parts like humans, though some humanoid robots may replicate only part of the body, for example, from the waist up. Some humanoid robots have heads designed to simulate human facial features such as eyes and mouths. Humanoid robots built to aesthetically simulate humans as Androids*

**Keywords:** Humanoid robot, Human facial features, Androids

## REFERENCES

- [1]. E. Broadbent, Interactions with robots: The truths we reveal about ourselves, *Annu. Rev. Psychol.* 68 (2017) 627–652.
- [2]. C. Edwards, A. Edwards, J. Kim, P. R. Spence, M. de Graaf, S. Nah and A. Rosenthal-von der Pütten, Human-machine communication: What does/could communication science contribute to HRI?, in 14th ACM/IEEE Int. Conf. Human-Robot Interaction (HRI), Daegu, Korea (South), 2019, pp. 673–674, doi: 10.1109/HRI.2019.8673138.
- [3]. J. F. Hoorn, The robot brain server, design of a human-artificial systems partnership, in *Intelligent Human Systems Integration*, eds. W. Karwowski and T. Ahram, *Advances in Intelligent Systems and Computing*, Vol. 722 (Springer, Berlin, Heidelberg, 2018), pp. 531–536, doi: 10.1007/978-3-319-73888-883.
- [4]. M. S. Kim, J. Sur and L. Gong, Humans and humanoid social robots in communication contexts, *AI Soc.* 24(4) (2009) 317–325.
- [5]. Theory of Robot Communication: II. Befriending a Robot Over Time Johan F. Hoorn, *International Journal of Humanoid Robotics*, 2021