

Team AcYut

Team Description Paper 2018

Vikram Nitin, Archit Jain, Sarvesh Srinivasan, Anuvind Bhat,
Dhaivata Pandya, Abhinav Ramachandran, Aditya Vasudevan,
Lakshmi Teja, and Vignesh Nagarajan

Centre for Robotics and Intelligent Systems
Birla Institute of Technology and Science, Pilani,
Rajasthan - 333031, India



Fig. 1. AcYut 8

- **Robot Name** : AcYut 8
- **Height** : 91 cm
- **Weight** : 6.3
- **Walking speed** : 18 cm/s
- **Number of Degrees of Freedom** : 18
- **Actuators used** : Robotis Dynamixel MX-106, MX-64
- **Camera** : Sony Playstation Eye
- **IMU** : Xsens 9 DoF IMU
- **Processor** : Intel i3 D34010WYKH
- **Batteries** : Lithium Polymer 14.8 V 5000 mAh
- **Wireless** : Wireless LAN (IEEE802.11a/b/g)



Fig. 2. AcYut 7

- **Robot Name** : AcYut 7
- **Height** : 99 cm
- **Weight** : 7.8
- **Walking speed** : 15 cm/s
- **Number of Degrees of Freedom** : 18
- **Actuators used** : Robotis Dynamixel MX-106, MX-64
- **Camera** : Sony Playstation Eye
- **IMU** : Xsens 9 DoF IMU
- **Processor** : Intel i3 D34010WYKH
- **Batteries** : Lithium Polymer 14.8 V 5000 mAh
- **Wireless** : Wireless LAN (IEEE802.11a/b/g)