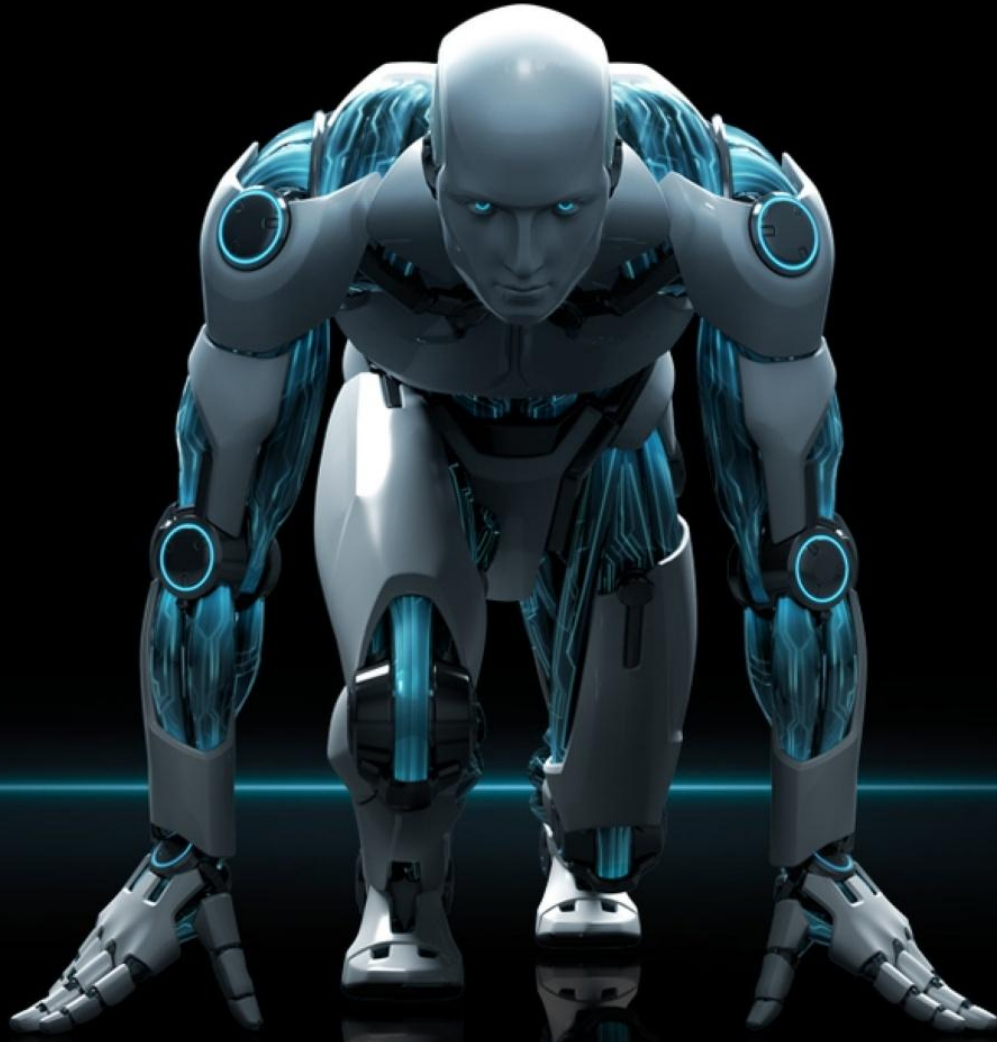


Robotics Training



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Robotics

1. The concept of Embedded Systems
2. Introduction to Microcontroller Families
3. Introduction to 8051/AVR/ARM microcontrollers
4. Revision of 8051 Architecture and Concepts
5. Interfacing of LEDs
6. Interfacing of Switches
7. Interfacing of Relays
8. Interfacing of LCD
9. Interfacing of 7 Segment Display
10. Interfacing of ADC
11. Interfacing of Stepper Motors
12. Interfacing of DC Motors
13. Interfacing of IR Sensors
14. Interfacing of Sound Recorder ICs
15. Interfacing of Mobile Phone using DTMF
16. Interfacing of Real Time Clock
17. Interfacing of Serial Memory
18. Serial Communication
19. Interfacing GSM module
20. Interfacing of GPS module
21. Interfacing of I2C devices
22. Assembly Language Programming
23. PWM Techniques
24. Cross Compilers
25. Real-Time Project work in Robotics