ARE YOU ONE OF THEM?

There are a million undiscovered geniuses in the world who, in order to be revealed and flourish, need to experience a spark of passion that ignites and illuminates their genius. Among them are roboticists-in-waiting who will change the world. Let's find them.

These 35 free online robotics courses—from superb educators at prestigious universities—certainly help.

That's entire courses in robotics, not just one-off YouTube videos.

Twelve hours after we published the list, 10,000 had clicked to take a look and test drive the robotics course offerings. Next day, it was 23,000. Today, it's 34,000 …and counting!

As Peter Diamandis, Mr. Energy himself, puts it: "As education becomes dematerialized, demonetized and democratized, every man, woman, and child on the planet will be able to reap the benefits of knowledge. We're rapidly heading toward a world of education abundance."

These 35 free online courses are part of education's "new becoming" and a potent way forward in finding the future geniuses robotics will need.

Part of our mission at both Asian Robotics Review and our new podcast This Is Robotics is education, which makes us more than willing to publish information that informs, entertains and educates. As the first three words on our website blurt out: Robotics, Automation & People. Education impacts all three.

Please join our next podcast at This Is Robotics—28 February—Finding the Geniuses That Robotics Needs.

CS 223A – Introduction to Robotics, Stanford University

6.832 Underactuated Robotics – MIT OCW

CS287 Advanced Robotics at UC Berkeley Fall 2019 — Instructor: Pieter Abbeel

CS235 – Applied Robot Design for Non-Robot-Designers – Stanford University

CS 205A: Mathematical Methods for Robotics, Vision, and Graphics (Fall 2013)

Robot Mechanics and Control, SNU

Introduction to Robotics Course – UNCC

SLAM Lectures

Introduction to Vision and Robotics 2015/16- University of Edinburgh

ME 597 – Autonomous Mobile Robotics – Fall 2014

ME 780 – Perception For Autonomous Driving – Spring 2017

ME780 – Nonlinear State Estimation for Robotics and Computer Vision – Spring 2017

METR 4202/7202 — Robotics & Automation – University of Queensland

Robotics – IIT Bombay

Introduction to Machine Vision

6.834J Cognitive Robotics – MIT OCW

Hello (Real) World with ROS – Robot Operating System – TU Delft

Programming for Robotics (ROS) – ETH Zurich

Mechatronic System Design – TU Delft

CS 206 Evolutionary Robotics Course Spring 2020

Foundations of Robotics – UTEC 2018-I

Robotics – Youtube

Robotics and Control: Theory and Practice IIT Roorkee

Mechatronics

ME142 – Mechatronics Spring 2020 – UC Merced

Mobile Sensing and Robotics – Bonn University

MSR2 – Sensors and State Estimation Course (2020) – Bonn University

SLAM Course (2013) – Bonn University

ENGR486 Robot Modeling and Control (2014W)

Robotics by Prof. D K Pratihar – IIT Kharagpur

Introduction to Mobile Robotics – SS 2019 – Universität Freiburg

Robot Mapping – WS 2018/19 – Universität Freiburg

Mechanism and Robot Kinematics – IIT Kharagpur

Self-Driving Cars – Cyrill Stachniss – Winter 2020/21 – University of Bonn)

Mobile Sensing and Robotics 1 – Part Stachniss (Jointly taught with PhoRS) – University of Bonn

Mobile Sensing and Robotics 2 – Stachniss & Klingbeil/Holst – University of Bonn