About the Course

- This Honor course is a certification course offered by Department of Information Technology. This course provides broad overview of the essential concepts of blockchain technology – by initially exploring the Bitcoin protocol followed by the Ethereum protocol
- Upon completing the capstone, you will learn about decentralized peer-to-peer network, an immutable distributed ledger and the trust model that defines a blockchain..

Eligibility for Registration

- Student must complete 20 credits to earn Honor certification
- A student will be eligible to get Honors Engineering certification; if he/she completes an additional minimum 20 credits from approved Value added Professional Courses in the same domain as the parent domain
- Students – FY, SY, TY and B. Tech can take course for Honor certification
- The credits can be earned through approved MOOC's ONLY

Course Faculty

Miss.A.M.Khot

Contact Details

Miss.A. M. Khot, 9096221025

amruta.khot@walchandsangli.ac.in

Course Registration Fees

As per the Institute policy (Refer website)

Course Registration Link

(As per the Academic Calendar the link for registration will be published on WCE Moodle)

About the Institute

Walchand College of Engineering Sangli (WCE), established in 1947 and aided by the Govt. of Maharashtra, is one of the oldest and premier engineering institutions in India. With a rich history of over 70 years and a beautiful campus of over 90-acres, WCE, is providing transformational learning experience in various disciplines of engineering.

WCE offers 6 UG programs in Civil Engineering, Electrical Engineering, Mechanical Engineering, Electronics Engineering, Computer Science and Engineering and Information Technology and 10 PG programs in Civil Environmental Engineering, Civil Structural Engineering, Mechanical Heat Power Engineering, Mechanical Design Engineering, Mechanical Production Engineering, Electrical Power System, Electrical Control Systems, Electronics Engineering, Computer Science and Engineering, and Computer Science and Information Technology. It also offers Ph.D. programs under Shivaji University, Kolhapur, Doctoral Fellowship of All India Council for Technical Education (AICTE) and under Quality Improvement Program (QIP) scheme of Ministry of Human Resource Development (MHRD). At present, around 1900 students are studying in various B.Tech. programs, 480 students in M.Tech. programs and around 75 scholars are pursuing their Ph.D. programs.

WCE was selected for Technical Quality Improvement Program (TEQIP) of MHRD through NPIU in Phase-I in 2004 with funding of Rs. 8.54 Cr., for TEQIP-II with funding of Rs. 12 Cr. WCE was also selected for TEQIP-III in 2017 with a funding of 7.0 Cr. WCE has consistently performed well in implementation of these projects. Based on the performance, the institute has received additional funding of Rs. 0.7 Cr. in TEQIP-III.

Courses offered in Honor

Course
Introduction to Blockchain Technology (Credits: 2) https://nptel.ac.in/courses/106/105/106105184/
Blockchain: Foundations and Use Cases(Credits:3) https://www.coursera.org/learn/blockchain-foundations-and-use-cases
Transacting on the Blockchain(Credits: 2) https://www.coursera.org/learn/transacting-blockchain
Ethereum Blockchain(Credits: 3) https://www.coursera.org/learn/blockchain-basics#syllabus
Blockchain Platforms(Credits: 2) https://www.coursera.org/learn/blockchain-platforms
Bitcoin and Cryptocurrency Technologies(Credits: 3) https://www.coursera.org/learn/cryptocurrency
Blockchain Business Model(Credits: 2) https://www.coursera.org/learn/blockchain-business-models

Walchand College of Engineering

(Government Aided Autonomous Institute affiliated to Shivaji University)

Vishrambag, Sangli

Honor
in
Block- Chain Technology

A 20-credit course

Offered by

Department of Information Technology

Head of Department

Dr. A. J. Umbarkar

Honor Program Coordinator

Miss.A. M. Khot

Director

Dr. P. H. Sawant
Walchand College of Engineering, Sangli