

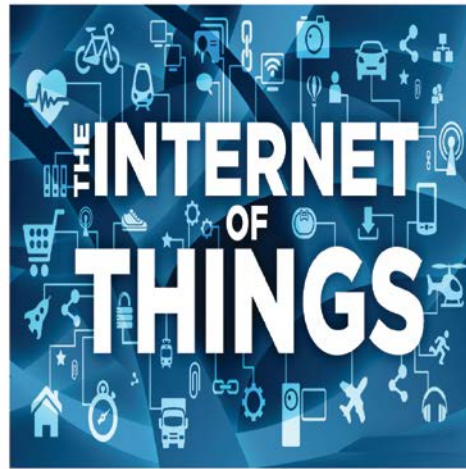
Advanced Diploma in Embedded Systems & IoT

(ADESIOT)



Embedded Systems

&



IoT

ABOUT ISM UNIV

ISM UNIV is established in 1994, past 21 years this premier institution has trained over 7000+ Engineers on Embedded Systems and other Software Engineering courses. ISM has carved a nice career for all students, this institution is founded & headed by Mr. LOGANATHAN V he is the CEO of this institutions. Over last 21 years this institution has earned good will and become one of the sought after Embedded and Software Training institution in India. Today we are proud to say we are Ranked #1 Embedded systems & IoT training institute in India. Our Training methods and quality of service are far ahead of our competitors which makes ISM UNIV to be a unique place to fine tune skills.

ABOUT ADVANCED DIPLOMA IN EMBEDDED SYSTEMS AND IOT (ADESIOT)

Advanced Diploma in EMBEDDED SYSTEMS and IoT (ADESIOT) is a Flagship course conducted by ISM UNIV; it's an interesting course which prepares you as matured Embedded & IoT Engineer, it's designed carefully to utilize the study period effectively and train you to the skills essentially required by an Embedded and IoT Engineer. You can compare ADESIOT course with any other training centres in India or any universities offering MTech programs on Embedded Systems, you would come to know that ADESIOT course offered by ISM UNIV is the best Embedded and IoT course offered in the country. ISM UNIV is one of the best Embedded and IoT Training Institute in India offering world class training with excellent Placements. The course takes you from Basics of Embedded Systems and IoT to Most advanced concepts of Embedded Systems and IoT. After Successful Completion of this course the participants will be able to Develop Embedded Systems and IoT Device Independently with maturity.

COURSE MODULES - OUTLINE

1. Introduction to Embedded Systems and IoT
2. 8051 Architecture & Programming
3. ARM CORTEX Architecture & Programming
4. ARM Board Bring Up & Porting Embedded Linux
5. Embedded Protocols (IPv6, CAN, I2C, SPI, RS-234, USB)
6. Advanced C Programming level 1
7. Advanced C Programming level 2
8. Embedded C Programming
9. Python Programming/Scripting
10. SDLC
11. Sensors & Actuators for IoT
12. IoT Protocols (CoAP, MQTT, OMA-DM LWM2M
13. IoT Connectivity Technologies (2G/3G/LTE, Zigbee/6LowPan, Wi-Fi ...)
14. IoT Implementation using ARDUINO & Raspberry Pi
15. RTS & RTOS concepts
16. Linux Internals & Programming (UBUNTU)
17. Linux Device Drivers
18. Projects –
 - a. C based
 - b. 8051 Based
 - c. Linux Device Driver Based
 - d. Linux Based
 - e. ARM Based
 - f. IoT Based

ELIGIBILITY

BE/BTech/BSc/Diploma in ECE, EEE, CS, IS, IT

VALUE ADDITION (FREE) FOR ALL STUDENTS

1. 10 e-learning courses
2. Soft copy of all software used in the course
3. Access to E-library during course period
4. Aptitude practice sessions
5. Soft-skill sessions

COURSE FEE

Course Fee: 27000.00 (VALID UPTO JULY 2017)

COURSE DURATION

520 Hrs (120 Working days, 5 months)

COURSE INCLUDES

1. 80% Instructor lead Training (416 hrs) + 20% online training (104 hrs)
2. Course Materials
3. Certificate
4. 100% Genuine Placements
5. Interview Preparations

ABOUT PROJECTS

The projects will start from the beginning of the course, the course is completely Project based we tend to execute minimum of 6 projects during the course work.

1. C based
2. 8051 Based
3. ARM Cortex Based
4. Linux Based
5. Linux Device Driver Based
6. IoT Based

Faculty will act as project guides and supply you required infrastructure to execute the project. Upon Every Project completion students need to present the project demo and submit a short Project report.

The Hardware & Software facilities required to develop the project will be given by the Institute.

ABOUT PLACEMENTS

We are a proud Institution having helped most of our students in their career building process. We conduct 25 interviews per month and place students. Which is genuinely far ahead of any of our competitors. We have client base across India and abroad, we work with MNC's and MSI, we cater all our clients with trained manpower and we ensure that our client is satisfied with the manpower supplied. We ensure this with Quality training. We provide 100% genuine placement assistance and guidance and help you to begin an innovative career.

We promise you that we provide interviews until you get a job. A convenience fee of Rs.250 will be charged for every interview after 5th Interview, We have placed 5000+ students so far....

The placement opportunities can be taken by student from beginning of the course depending on their preparedness

Eligibility for Placements:

1. Clearing Technical Evaluation Test
2. Clearing Course Fee

Clients Who Recruit ISM UNIV Students

							
							
							
							
							
							
							
							
							
							
			<p>These are few clients who recruit ISM UNIV Students we have client list of 1500+</p>				



INDIA'S LEADING & LARGEST EMBEDDED & IOT TRAINING INSTITUTE

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