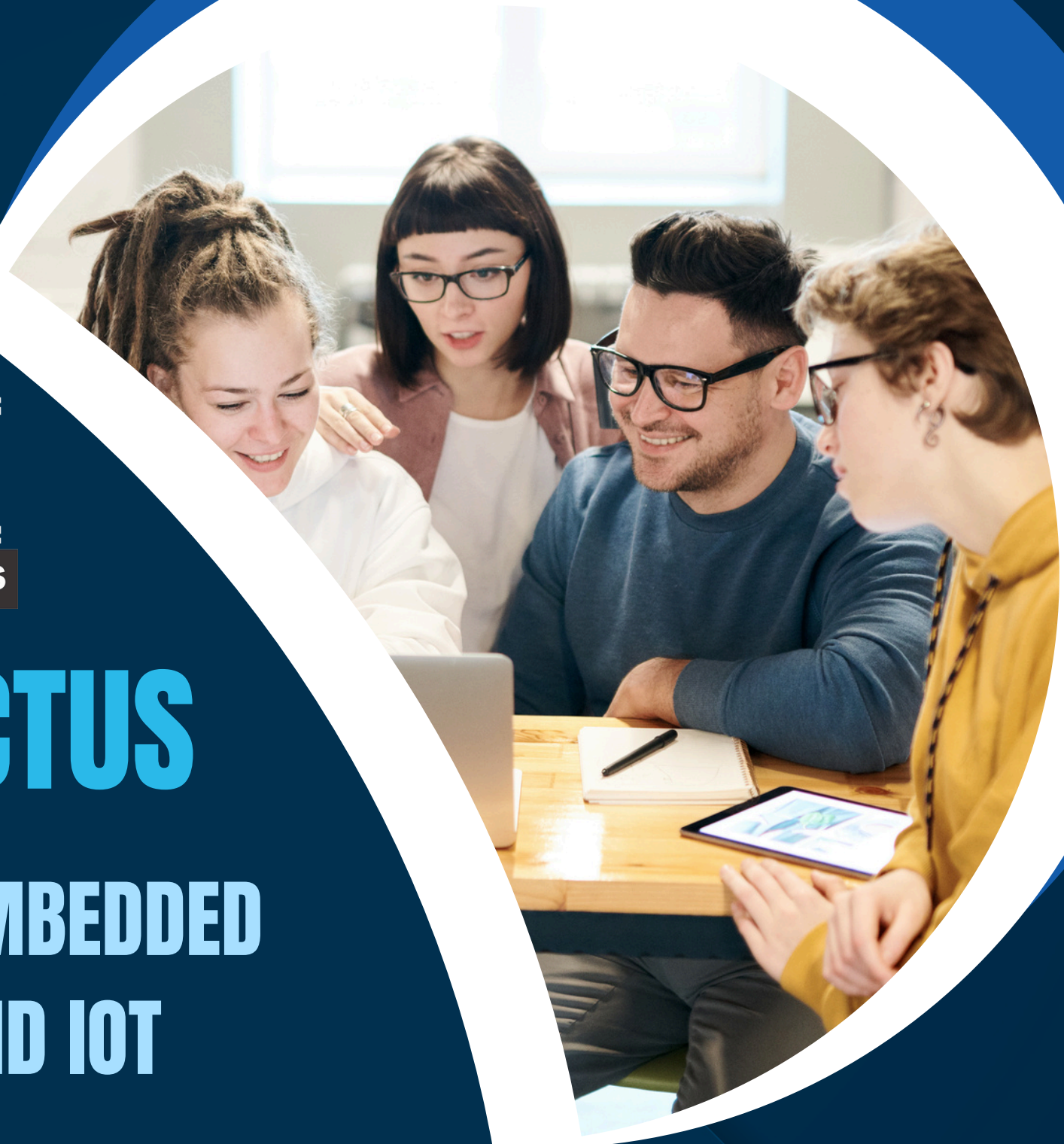
ISM
University of Skills

PROSPECTUS

MASTER IN EMBEDDED SYSTEM AND IOT



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ABOUT ISM UNIV

ISM UNIV is a Premier Embedded Systems & IoT Training Institute in India having head-office in Bangalore and Hyderabad.

ISM UNIV was established in the year 1994. Now we have over 30 years of experience In training services, may be one of the oldest institutions existing in India. Today we do not feel shy to say we are the largest Top Embedded training Institute in the country and one of the leading HR consultants by merely considering the number of Embedded engineers we trained over last 30 years and the investments that we have done on creating the state of art Embedded Labs and training infrastructures.

OVER 30 YEARS OF EXCELLENCE

ISM
University of Skills

CELEBRATING

30+

YEARS

TRAINING & PLACEMENTS

MASTER IN EMBEDDED SYSTEMS AND IOT (MESIOT)

Master in Embedded Systems and IoT course (MESIOT) is a Flagship course conducted by our Institution ISM UNIV; it's an interesting course which prepares you as matured Embedded & IoT Engineer, and puts you in future track. It's designed carefully to utilize the study period effectively and train you to the skills essentially required by an Embedded and IoT Engineer, we provide relevant training as required by the Industry. We are one of the best Embedded Systems and IoT Training Institution in India.



ISM UNIV is one of the Best Embedded Systems and IoT course Training Institute Bangalore, Hyderabad in India offering world class training with excellent Placements. This course takes you from Basics of Embedded Systems and IoT to Most advanced concepts of Embedded Systems and IoT. After Successful Completion this course the participants will be able to Develop Embedded Systems and IoT Device Independently with maturity.

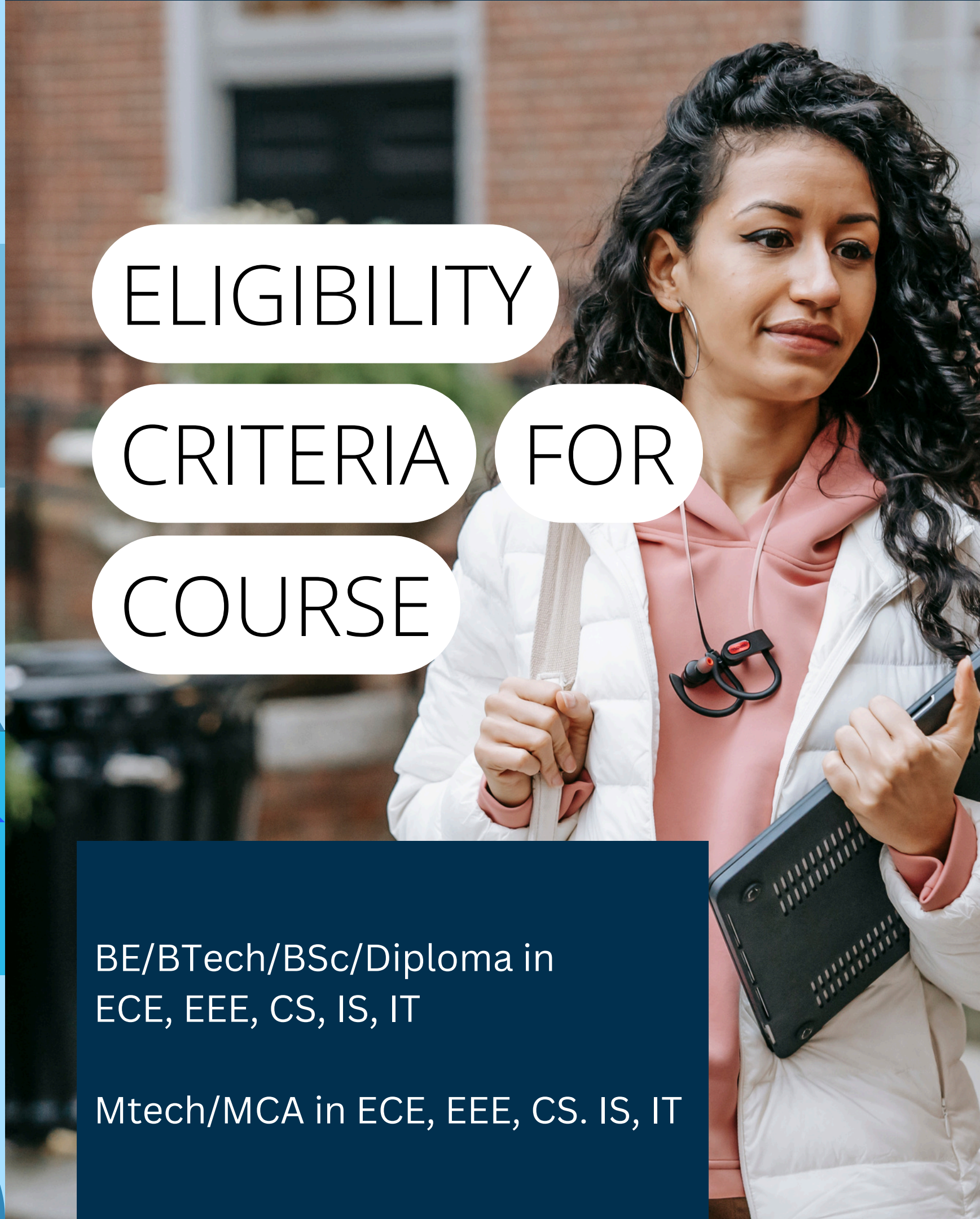


COURSE CONTENT

- Introduction to Embedded Systems and IoT
- ATMega 328 Architecture & Programming
- ARDUINO programming
- ARM CORTEX Architecture & Programming
- ARM Board Bring Up & Porting Embedded Linux
- Embedded Protocols (IPv6, CAN, I2C, SPI, RS-232)
- Advanced C Programming
- C ++ Programming
- IoT Architecture
- Sensors and Actuators for IoT
- IoT Protocols (CoAP, MQTT, OMA-DM , LWM2M)
- RTS & RTOS Concepts
- Technology Boot-strap
- Projects
- Linux Internals & Programming - Optional E-Learning
- PYTHON Programming - Optional E-Learning
- Raspberry Pi Programming - Optional E-Learning



ELIGIBILITY CRITERIA FOR COURSE



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

Mtech/MCA in ECE, EEE, CS. IS, IT

OUR VALUE ADDITION

- ☑ 10 e-learning courses
- ☑ Soft copy of all software used in the course
- ☑ Access to E-library during course period
- ☑ Aptitude practice sessions
- ☑ Soft-skill sessions



COURSE DURATION

520 Hrs (125 Working days, 5 months)

COURSE INCLUDES

1- 80% Instructor lead + 20% online Training

2- Course Materials

3- Certificate

4- 100% Genuine Placements

5- Interview Preparations



ADMISSION PROCESS

1- Register

2- Submit duely filled admission form

3- Fee Payment

4- Obtain Admission card



COURSE OUTCOME

Master in Embedded Systems & IoT Prepares you to the industry, This course Trains you on all the essentials skills required to develop Embedded Systems & IoT Projects.

After successful completion of the course you would be able to execute any Embedded or IoT Project individually with maturity.



WHO SHOULD JOIN THIS COURSE

- Engineers who are looking for their 1st Job
- Professionals who are working on Embedded/IoT Projects
- Anyone who is interested in becomming Embedded & IoT Developer



5 PROJECTS

Master in Embedded Systems and IoT course ha 5 Projects to be completed by students before their course completion. These Projects are REAL TIME created by Project Managers & Architects from relevant Organizations, Professionals from Embedded & IoT Industry. The Projects will be based 5 different Technologies:

1- Implementing an Algorithm using C

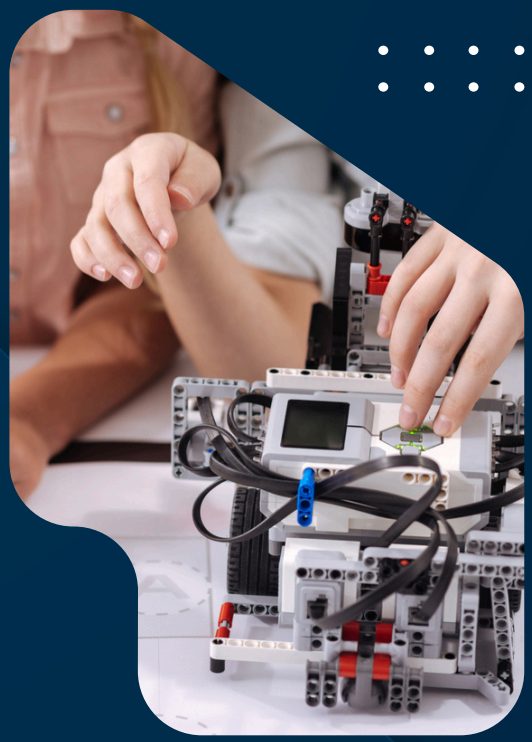
2- Control System Design using ATmega 328

3- Data Processing Systems using ARM Cortex

4- AWS Cloud Application Design using IoT Device

SKILLS YOU WILL LEARN

- C Programming
- Embedded C Programming
- Data Structure & Algorithms Programming
- Implementing OOPS using C++ Python Programming
- ATMega Microcontroller programming
- ARM Cortex Programming
- Linux Kernal Programming
- Understanding Real Time Systems
- Sensor & Actuator Calibrations & Interfacing
- Driving SPI,RS-232,12C,CAN
- Understanding IPv6



EXCELLENT PLACEMENTS AT ISM UNIV

- Placements Start From Day-1 Of The Course And After The Course Also.
- No Fixed No Of Interviews, Interviews Until You Get Job
- Placements From MNC’s, MSI , Startups Etc.
- Professional Training On Interview Preparations.
- Placements Across India



EXCELLENT PLACEMENTS AT ISM UNIV

ISM UNIV Excellent Placements 100%: We are a proud Institution having helped most of our students in their career-building process. We conduct minimum 24 interviews per month and place students. Which is genuinely far ahead of any of our competitors.

We have a client base across India and abroad, we work with MNC's and IT, we cater to all our clients with trained manpower and we ensure our client 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. We have placed 15000+ students so far.

ISM UNIV Provides Excellent Placements from day-1 of the course

Clients who recruit ISM UNIV students

WIPRO | TATA ELXSI | NDS | MPHASIS | INFOTECH | Infosys | Honeywell | HCL
CISCO | HUAWEI | SIEMENS | iGATE patni | SAMSUNG | Tech Mahindra | BOSCH | MISTRAL
st symphony teleca | KPIT | Continental | AEROTEK | BELL | Seagate | TRIGENT | SAFRAN
DATA TEMPLATE | Vayavya | FOSSILSHALE | Nikhilon | MARVEL | sasken | TISMO | Bon Foo Soon
L&T Infotech | obhinio | radisys | SYNAPSE design | VOLER | WiFi | JASMIN INFOTECH | ciberbrian
EPIGON | AllGo | qvantel | TRANSVISION | protechsoft | TSL TELESOFT LABS | GOOD THROUGH | i2Soft
KORAS NETWORKS | REDPOT | Eagle Photonics | DESIGNS | JavaSystems | 3D | ACCORD
informatica | PRATIAN | OPTIME | Nichepro | integra micro | Lakha
EdGate | Esterline | GLOBAL ATLANTA | LogiWare | FAT Pipe | EDS
ciber sites | ThoughtFocus | global edge | Alltech | ThinkCircuit | nancheal | Openstream
CELSTREAM | 3dPLM | utthunga

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



CEO's Message

I as Founder & CEO of this Organization have thoroughly enjoying the company of my colleagues who are very supportive and receive all my decisions positively and work passively towards our goal, I take this moment to Thank them all.

Training Young minds is a responsibility and great privilege, Our Institution is student centric, pro-student is the driver of every decisions and actions we take. We continue to authentic Training with excellent Placement support to all students who are trained by ISM UNIV.

I invite you to Join ISM UNIV to avail quality training with excellent placement support I promise that you will build a successful professional Career and ensure that you feel proud to be student of ISM UNIV.

OUR GOAL & MISSION

Develop Students Skill level to meet the requirements of the industry and guide them to a Positive Career.

Your Job is the Priority at ISM UNIV

LOCATIONS

Bengaluru: 29/18, 17th E Main Rd, 5th Block, Jedara Halli, Rajajinagar, Bengaluru, Karnataka 560010

Hyderabad: #6-3-347/22/2, Aishwarya Nilayam, Dwarakapuri Colony, Panjagutta Diagonally Opp. To Saibaba Temple, Panjagutta, Hyderabad, Telangana-500082.

