

# ACEVIN SCHOOL OF ADVANCED LEARNING

(Division of Acevin Technologies, Mumbai)

in association with Don Bosco Institute of Technology  
introduces first of its kind employment oriented, industry relevant

## Professional Development Courses in

### HIGH SPEED SYSTEM / BOARD DESIGN (HARDWARE)

#### ABOUT COURSES

#### Course Duration

Base course : 3 months  
Advanced course : 4 months

#### Fees

Base course : Rs 25000  
Advanced course : Rs 35000

Course start : 1 September 2009

Entrance exam : 17 August 2009

#### Venue (for entrance exam & courses)

Don Bosco Institute of Technology, Kurla (W),  
Mumbai - 70.

- **Course Contents** : Major topics covered in the course will be : digital & analog concepts, hardware design cycle, test & measuring equipment, various design analysis, various design issues, PCBs, its manufacturing & assembly process, testing, programmable devices, environmental & regulatory compliance topics (including EMI/EMC, ESD), high speed design topics, DFM, DFT etc
- Course will consist of theory, practicals and a real time project
- Training will be provided on EDA tools, reference boards, test equipment
- Evening batches to suit everyone including working professionals
- Certificates will be awarded to successful students
- Students will be provided tips on facing test & interviews

#### HIGHLIGHTS

- HW board / system design training - only of its kind in the country
- Practical industry oriented training
- Course contents and material designed by team consisting of senior experts working in leading companies and multinationals in India.
- Industry experienced faculty
- Assistance will be provided for placement for successful students
- Students will get opportunity to work on EDA tools worth millions of rupees.
- Well equipped library & laboratory

#### COURSE OBJECTIVE

- Regular courses that are offered by universities are generally broad bases and do not address special skill that the industry needs
- Fill gaps between academics and industry requirements
- Enhance the technical skills of professionals and students and add immense value to their profile
- Increase job prospects
- Increase skilled resource base in the country

#### TEAM EXPERIENCE

Team at Acevin has worked in diverse fields such as telecom, networking, computing, industrial and defence systems. Expertise includes conceiving and architecting real time projects, system/board design, Hardware/Software co-design, standard, proprietary, parallel and serial high speed backplane designs, complex FPGA/PLD designs, large shelf based systems, simulation & verification, system engineering and manufacturing. Team has also developed and executed in-house training programs.

Mr. Ashok Jagatia, is President & CTO of Acevin Technologies. He brings 18 years of rich hands-on experience in all aspects of hardware design & engineering and technical, project & corporate management.

#### EMPLOYMENT OPPORTUNITIES

- There are about 10000 companies in India involved in hardware & VLSI design activities
- This decade has seen phenomenal rise in requirement for System/Board design engineers. More and more MNCs are setting up large centers in the country. Increasing number of expatriates are setting up their own firms in the country. In addition to this, hiring by Indian companies is increasing.
- Increase in manufacturing activities by global and domestic contract manufacturers in India has increased the scope of system/board design.
- This has given rise to demand for engineers with right skill sets and hence many job opportunities.
- Only 20 per cent of engineering graduates passing out every year are directly employable by the industry. Companies need to spend considerable time and resources for training engineers. Hence they prefer trained engineers for recruitment.