

**PROSPECTUS FOR
POST GRADUATE DIPLOMA in VLSI –
EMBEDDED SYSTEMS 2010.**



**MSME TOOL ROOM, HYDERABAD
CENTRAL INSTITUTE OF TOOL DESIGN
Govt. of India Society, Ministry of SSI
Balanagar, Hyderabad-500 037, A.P. India**



**Estd: 1970
In Collaboration With**



ISO 9001:2000

**ELECTRONICS CORPORATION OF INDIA LIMITED
A Govt of India Undertaking
Hyderabad – 500 062,A.P. India**

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CITD a pioneering organization in India offering technical training at Post Graduation level in Tool Design and CAD/CAM joined hands with Electronics Corporation of India Ltd. (ECIT) a giant organization in Electronics and training offers the following Diploma programmes. The Government of India established the Institute in the Year 1968 with the assistance of UNDP and ILO as an executing agency.

ECIL is a Government of India Undertaking Under the Dept of Atomic Energy established in the year 1967. ECIL's thrust areas are Information Technology, Control & Automation, Communication and Strategic Electronics.

ECIL-ECIT is the IT Education wing of ECIL engaged in imparting high quality IT Education and Training to students, Professionals and Corporate Executives. The Programmes are specially designed with Industry orientation.

The Institute has a well equipped Embedded Systems and VLSI lab facilitating HI-end systems, the state of the art software and hardware such as -Model Sim VHDL and Verilog simulator, Leonardo Spectrum Level 3 Synthesis, Xilinx Trainer Kits, Microcontroller 8051Kits, AVR Microcontroller kit, Keil IDE Tools ,Zylog Analogic Controllers and Dynamic C, Xilinx Foundation Series FPGA design station, Linux OS, RTOS :VxWorks/RT Linux.

The Institute has a well equipped Tool room with sophisticated systems such as CNC 5-axis & 4-axis Machining centers, CNC Lathes, CNC EDM machines, CNC wire cut machines etc., supported by Metrology equipment like CNC 3 co-ordinate measuring machine. The institute is also equipped with - Calibration center for calibration of instruments, slip gauges, Automation center with hydraulic, pneumatic, and electronic & PLC laboratories, Library & Documentation center.

The Institute has a CAD/CAM center with powerful graphics based Compaq workstations with packages like AutoCAD

1. POST GRADUATE DIPLOMA IN VLSI – EMBEDDED SYSTEMS

- Duration : 6 Months
 Qualification : Engineering Degree in Computers / Electronics & communications / Electrical / Electronics & Instrumentation / M .Sc (Electronics) or equivalent.
 No. of seats : 40 seats through entrance test.
- Course fee : Rs.45, 000/- for candidates selected through entrance test.

2.1 Medium of instruction – ENGLISH

2.2 Commencement of course : **SEPTEMBER 15th, 2010**

2.3 Working hours: 9.00 A.M. to 5.00 P.M. with Sunday as weekly holiday and the working hours are liable for change.

- Indian nationals studying in the final year of their qualifying degree in Indian Institutes/Universities.
- Indian nationals who have obtained their qualifying degree from Indian Institutes/Universities.
- Indian nationals who have obtained their qualifying degree from Institutes/Universities abroad which is recognized by the Association of Indian Universities as an equivalent qualifying degree from India.

2.4 Methodology of imparting training:

- Lectures supported by audio-visual aids.
- Film shows on technical subjects.
- Tool design exercises for trainees
- Technical literature/handouts on related subjects.

2.5 Evaluation and examination:

The trainees of the long term courses are evaluated in the following manner.

- Internal assessment of theory by regular assignments and tests.
- Internal assessment of practical exercises (Design and Tool Making)

c. Examinations in all the subjects.

d. Evaluation of Project Work and viva-voce by external/ internal examiners for Course.

2.6 Minimum requirements for Award of Certificate

- 85% attendance every semester.
- 50% Marks (aggregate)
- Minimum 40% marks in each subject.

2.7 Issue of Certificates And Memorandum of Marks

The Candidates are awarded certificate and memorandum of marks on successful completion of the training.

Detention/Termination

The trainees are liable for detention/termination for the following reasons, and if, detained, the training period is liable for extension.

- For shortage of attendance (less than 85% to be computed on semester basis)
- For non-submitting the exercises/project work
- For not securing minimum marks in the examinations.

The trainee is liable for termination, in case, if, he/she violates any of the terms and conditions mentioned in the prospectus, and the course fee paid by him/her will not be refunded.

3. ADMISSION TO REGULAR COURSES

Academic year commences in September of every year.

Candidates selected through entrance test are admitted to the courses on the basis of merit in the written examination conducted by CITD at Hyderabad on payment of course fee.

Use of Unfair Means

Use of unfair means by a candidate at the entrance examination if detected at the time of examination, evaluation or at any other stage will lead to cancellation of his/her examination and debar him/her from appearing in future entrance examinations.

3.1 APPLICATIONS

Prescribed application forms & prospectus can be had from CAD/CAM Department, CITD., Balanagar, Hyderabad-500 037 and can also be downloaded from the [Website: www.citdindia.org](http://www.citdindia.org).

Request for application received beyond the stipulated date and also receipt of completed applications after the due date will be summarily rejected. If any applicant

do not fulfill the requisite qualifications, his/her application

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will be summarily rejected. No correspondence in this matter is entertained.

4. INSTRUCTIONS FOR FILLING UP THE APPLICATION FORMS

a. Please read the instructions given in this section carefully before filling the Application Form.

b. Candidates who have appeared for the qualifying examination and whose results are awaited can also apply by enclosing a bonafide certificate from the concerned Inst. / College / University.

However, they should qualify at the time of counseling. The Institute is not responsible for any delay in declaration of results of the qualifying examination.

c. **Photograph:** Affix two recent and identical passport size photographs at the appropriate places attested by a Gazetted Officer.

d. **Name:** Write your name in capital letters as given in the records of the Board of Secondary Education/University. This name should be given in all future correspondence in the same form. Correct address for correspondence required to be given.

One box should be left blank between two parts of the name. In case, the name is long and cannot be accommodated within the boxes provided, you should abbreviate the middle name.

e. **Date of Birth:** Indicate your date of birth in the boxes provided.

Example: Date of birth is **31 August 1979**

3 1 0 8 1 9 7 9

Age: 2 5

Category (Use Code)

For example : In case of others

f. **Father's /Guardian's Name:**

g. **Permanent Address :** Write the complete postal address with PIN CODE to which communication is to be sent.

h. **Academic Qualification:** As reflected under item No. 3 of the prospectus.

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5. MODE OF SELECTION

Selection is purely based on First Come First Serve Basis.

Once the candidates register by paying the First installment. Fee paid will not be refunded.

Rules made by the Institute regarding admission and closure of admissions shall be final.

6. Documents to be handed over at the time of joining

Original certificates of qualifying examination i.e., B.E / B. Tech and other examinations like SSC/Matriculation.

The original certificates will not be given back to the trainees under any circumstance till they complete the scheduled training period at this Institute.

a. Certificate of Physical fitness from any Assistant Civil Surgeon. The Institute reserves the right to send the Candidate for further Medical examination, if, necessary.

b. The Trainee should give an undertaking for good conduct and behavior and to abide by the rules & regulations as prescribed by the Institute.

7. General terms and conditions for trainees admitted to regular courses

a. No traveling allowance or any other allowance will be paid for attending entrance exam, joining the course or on termination thereof.

b. The trainees are required to bear all costs including the cost of boarding, lodging, transport and other incidental expenditure when they are taken on Industrial visit to places outside Hyderabad.

c. Trainees are exposed to campus interviews, by indenting Industries. They can appear for interviews and get absorbed. However, the Institute does not guarantee any employment or absorption.

(It may be noted that the ex-trainees of the Institute have earned excellent reputation with their employers and as such prominent Industries are coming forward to absorb the candidates before completion of their training.)

d. Non payment of the second installment of the fee on or before

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16-11-2010 will entail termination of training and fee earlier paid will be forfeited.

e. Hostel facility is available on limited basis and the out station candidates will be allotted hostel if vacancies are available at the time of admissions.

f. The trainees shall not cause any damage or loss to the property of the Institute, failing which they are liable to bear the loss.

g. Any information given in the application by the candidate, if, found incorrect after selection, the trainee is liable for such punishment as may be deemed fit including his/her disqualification and/or dismissal from training course.

h. The trainees are expected to complete the assignments as per schedule of training programmes. Marks will be deducted for late submission of assignments.

i. The trainees will have to strictly undergo the training as per the schedule and instructions and comply with all the rules of discipline as may be in force from time to time. Copying in examination and any malpractice during the exams will be viewed seriously.

j. The trainees should complete the full course of training and will not be allowed to discontinue/rejoin the training for any reason.

k. The trainees are not permitted to join part-time/evening courses of study conducted by any other University/Institute.

l. The trainees are advised to visit the facilities available at the institute before joining the course. Any claim/demand or request for additional facilities shall not be entertained.

m. Any legal proceedings instituted for contravening the terms & conditions of the bond is subject to Hyderabad jurisdiction only

n. The trainees have to follow the rules and regulations pertaining to any department of the Institute.

o. No request for extension of time for submission of proof of pass will be entertained.

p. The Institute reserves the right to alter, vary, change and/or modify the rules governing the admissions.

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q. The rules are liable to change from time to time depending upon exigencies of training.

r. The Institute reserves the right to terminate the trainee at any time at its discretion for misconduct/indiscipline/irregular attendance, breach of rules etc. In such an event, the course fee paid by the candidates shall not be refunded.

s. The trainees should deposit caution money of Rs.1,000/- which will be refunded at the conclusion of the course and not before under any circumstance.

t. The no of seats mentioned is provisional. The institute can increase or decrease the no . of seats at its discretion.

u. The institute also reserves the rights to admit the candidates in the unfilled vacancies, if any, directly, who are otherwise eligible
The trainees should give an undertaking to abide by the terms & conditions supplied at the time of selection.