

# PCB DESIGNING & FABRICTN. TRAINING

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**CHIP SYSTEMS**<sup>®</sup>  
TECHNICAL & SKILL DEVELOPMENT CENTRE

## PCB Designing & Fabrictn. Training @ Chennai

**Rs.7950/-**

### **WE PROVIDE:**

Reference Book Material | Certificate | Back Up Support for Doubt Clearing.

**98410 99911 / 94440 34246**

## Course Details

Course code	ADPDF
Course Name	<b>Advanced Diploma in PCB Designing &amp; Fabrictn. Training</b>
Course Type	Classroom Training
Eligibility	No Need
Age Limit	No bar
Duration	3 Days
Batch Type	Regular, Fast Track, Week End (Saturday only)
Timing	Regular Class: 1 hr = 20 Days Daily Class   2 hrs = 10 Days Daily Class Weekend Class: 4 hrs X 4 Weeks of Every Saturday only (Fast track) Special Class: 3 Days x 7 hrs daily
Payment Mode	Debit Card, Credit Card, Net Banking, Paypal, Gpay
Registration	2 Photo, 1 Address Proof, Registration Charges Rs.250 is Extra
We provide	Space- Includes Class rooms & Lab with all facilities, Course materials, Note, Pen, Life time Backup Support, Whole sale materials Purchase References, Old & New materials contacts, Job Assistance, Self-Employment Assistance &Etc...
Exam	Online Examination with Online Verified Certificate.

## PCB Designing & Fabricatn. Training TOPIC'S

1. What is printed circuit board?
2. What is layer?
3. What is Plotted Through Hole [PTH] technology?
4. What is Surface Mounted Technology [SMT]?
5. Passive components-RESISTOR
6. Passive components -CAPACITOR
7. Passive components-Inductor & Transformer
8. Active components-DIODE
9. Active components-TRANSISTOR
10. Active components-Integrated Circuits [IC]
11. Passive components de-soldering & soldering practice
12. Active components de-soldering & soldering practice
13. What is circuit? Circuit maker tools explain
14. How to create circuit through circuit maker?
15. Circuit design practical
16. Layout trax maker software introduction
17. What is layout?
18. Various types of layer
19. What is different between single layers and multilayer?
20. What is keeping out layer?
21. What is top overlay [Foot prints]?
22. What is bottom overlay?
23. What is via?
24. What is pad?
25. Various electronics components foot prints symbols
26. How to create track and how edit track width?
27. How to load net list components?
28. How to place components foot prints?
29. How to edit components specification
30. What is filling tools and how to use?
31. Circuit to layout design practical-1
32. Layout finishing Gerber print out taking method
33. Bottom layout printing method from laser printer
34. Required Fabrication Materials
35. FABRICATION PRACTICAL

## SAMPLE CERTIFICATE

Udyog Aadhaar No: TN02E0053508

# Certificate



*This is to certify that Mr. / Ms. / Mrs.*

**UNNI M THOMAS**

*was successfully completed the Direct Course of*

**ADVANCED DIPLOMA IN CCTV CAMERA TRAINING WITH SMT (ADCCS, ADSE)**

*From the period of* **19.01.2015** *to* **06.02.2015**

*He / She has secured* **DISTINCTION** *class*  
*in the examination, conducted by Chip Systems*  
*on* **07.02.2015** *through Online Certification Program*

**MANAGER (ADMIN)**

**TECHNICAL DIRECTOR**



Date of Issue : 07.02.2015

Verification No: CS-IND33764

For Online Verification logon to: [www.chipsystems.in/verification](http://www.chipsystems.in/verification)

**CHIP SYSTEMS®**  
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No.107(old)- Lake View Road, West Mambalam Chennai-33.Tamilnadu,INDIA. Cell.098410 99911,  
098410 87444,Ph: 2474 3860, [www.chipsystems.in](http://www.chipsystems.in), E-Mail: [admin@chipsystems.in](mailto:admin@chipsystems.in)

# CHIP SYSTEMS HIGHLIGHTS

**CHIP SYSTEMS**  
TECHNICAL & SKILL DEVELOPMENT CENTRE



**20000**  
STUDENTS TRAINED



CCP CERTIFICATION



TRAINING PARTNER



**14+**  
ONLINE TRAINING



TECHNICAL BOOKS



Backup Support



LIVE STREAMING STUDIO



MEDIA INTERVIEW



FRANCHISE SOFTWARE

1. Chip systems has been established on 1st Jan 2001 and our motive is to develop highly qualified service engineers and entrepreneurs.
2. We have more than 20 years of rich experience in technical training with strong technically qualified trainers.
3. We have 25 classroom trainings, more than 14 online trainings and more than 16 technical books & DVD kits.
4. Chip systems is the only institute with all type of technical courses under one roof with various learning methods.
5. We have developed more than 20,000 service engineers and entrepreneurs.
6. We are providing online verified certificates for the courses.
7. No age criteria or qualification required to take our technical training courses.
8. Chip systems mainly gives practical trainings.
9. Chip systems has reached 150+ countries and trains people across world especially from US,UK,UAE.
10. We are the trendsetter in chip level trainings.

WE OFFER FRANCHISEE ALL OVER THE WORLD

Cell: +91 98410 87444 | 98410 99911 | [www.chipsystems.in](http://www.chipsystems.in)

Head Office: 107, Lake view road, west mambalam, Chennai-33. Tamil Nadu, India

(H.O): #107, Lake View Road, West Mambalam, Chennai-33. (Near Postal colony 3rd Street)  
Cell: +91-98410 99911, 94440 34246. [info@chipsystems.in](mailto:info@chipsystems.in) / [www.chipsystems.in](http://www.chipsystems.in)