



RAJGAD DNYANPEETH'S
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
Gat.No-237, Pune Banglore Highway, Dhangawadi, Tal-Bhor, Dist-Pune (Maharashtra)

Summary of Workshops/ Training Programs/ Seminar/ Conferences organized in the Institute for professional development for teaching and non-teaching staff

Year 2014-15

Sr. No	Title of the program	Dates (from-to)	No. of Days	No of participants (Teaching Staff)	No of participants (Non-Teaching Staff)
1	Two days Faculty Development Program on PCB Design	23/3/2015 to 24/3/2015	02	12	Nil

Total No. of the programs arranged:	01
Total No. of Participants:	12

Principal

Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engg.,
Dhangawadi, Pune-412206





RAJGAD DNYANPEETH'S
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
Gat.No-237, Pune Bangalore Highway, Dhangawadi, Tal-Bhor, Dist-Pune (Maharashtra)

Two days Faculty Development Program on PCB Design

॥ प्रज्ञानं विद्यायां मानस्यः पुत्रियः ॥

Rajgad Dhyanpeeth's

Shri Chhatrapati Shivajiraje College of Engineering

Approved by AICTE, Govt of Maharashtra and Affiliated to the University of Pune (ID NO PU/PN/Engg/376/2009)

Dr. Bhagyashree s. Patil
Hon. secretary.

Anantrao Thopte
Founder President
Ex. Education Minister
Maharashtra State



Date: 18/03/2015

Department of Electronics & Telecommunication Engineering

To,
Mr. Ajay Tiwari,
Mr. Pushkar More,
Patronix Technology,
Pune.

Subject: Invitation for conduction of FDP on 'PCB Design'
Respected Sir,

On behalf of Rajgad's SCSCOE College, I am very pleased to have the honor of inviting you to conduct FDP on 'PCB Design'. We will be arranging the workshop schedule per your convenience. We are expecting approximately 15 faculties from Our Institute.

Please let us know if you will require any audio-visual equipment or additional technological support. I look forward to meeting you at our Campus.

Best wishes.



Mlad

Event Coordinator

Received

Aj apt

Thopte

HOD
Head of Department
Dept. of E& TC Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412206

॥ प्रज्ञानिको ज्ञानमेवः प्रदिप ॥

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Event Coordinator



HOD
Head of Department
Dept. of E& TC Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412206

Accepted
P. More



Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (Maharashtra)

Department of Electronics & Telecommunication

Date: 16/03/2015

NOTICE

All Teaching Staff are hereby informed that Faculty Development program on “PCB Design” is organized on 23/03/2015 to 24/03/2015 at 11.00 am. All should take note of the same.

Event Coordinator



HOD

Head of Department
Dept. of E& TC Engineering
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Department of Electronics & Telecommunication

Two days FDP on PCB Design

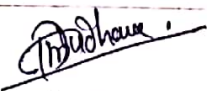
Date:- 23/3/2015 & 24/3/2015

SYLLABUS COVERED DURING WORKSHOP	
DAY 1:	Schedule
11.00am-11:30pm	Sarswati Pujan Introduction of Expert
11:30am-1:30pm	Step 1: Design and Output Step 2: From File to Film
1:30pm -2.00pm	Lunch Break
2.00pm -4 pm	Step 3: Printing the inner layers Step 4:Removing the unwanted copper Step 5: Layer Allignment

SYLLABUS COVERED DURING WORKSHOP	
DAY 2:	Schedule
11.00am-1:30pm	Step 6:Drill Step 7:Plating and Copper Deposition Step 8:Solder Mask application Step 9:Surface Finish Step 10:Electrical Test
1:30 pm -2.00pm	Lunch Break
2.00 pm - 4 pm	Step 11:Surface Finish Step 12:Electrical Test
4pm - 4:15pm	Vote of Thanks


Event Coordinator




HOD
Head of Department
Dept. of E& TC Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412206



Department of Electronics & Telecommunication

Name of Expert : Mr. Ajay Tiwari and Mr. Pushkar from Patronix Technology, Pune.

Title of Session: Two Days FDP on 'PCB Design'

Date: 23/3/2015 & 24/3/2015

Duration: 2 days

Staff Present : 12

Coordinator: Prof. M. S. Lad

Objective: To get the knowledge about PCB Design and Manufacturing Process.

Description:

'Printed Circuit Board'(PCB) is the most vital element in electronic circuits and equipments. It is also possible to build an electronic circuit with bread boards and zero boards, but the method is a low level and less efficient one wherein the designing circuit is prone to damage and the designing involves a complex process of placing the components of the circuit. However, the invention of the PCB that supports physical electronic components and their wiring through the surface-mounted copper tracks is really remarkable. We can observe at least one PCB in any electronic gadgets ranging from cell phones to computers. so arranging Workshop on this topic is found to be very helpful. In this Interactive Workshop Session arranged for Staff, Faculty are able to learn PCB Design Manufacturing Process Step by Step. This is a Practical Workshop in which everyone learns how to design PCB.

Following content are covered in workshop:

Schematic Design

- ✓ Component Footprint Design
- ✓ Integrated Library Design
- ✓ PCB Design & Routing
- ✓ Etching of PCB
- ✓ Soldering of Components on to PCB

Conclusion:

Faculty Engaged in Interactive workshop and it is found to be very productive and knowledgeable to help students in their miniproject. They were very excited about participation in this workshop and requested for more workshops in similar way so that they can simultaneously gain the practical knowledge.



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Department of Electronics & Telecommunication

Photos during Session:



Event Coordinator



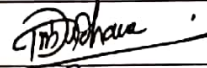
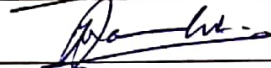
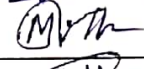
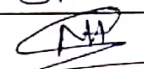
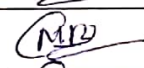
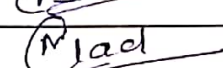
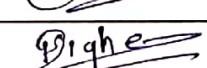

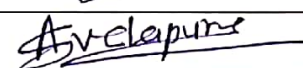
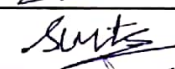
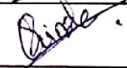
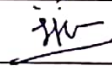
HOD

Head of Department
Dept. of E& TC Engineering
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(Shri Chhatrapati Shivajiraje College Of Engineering)
S.NO 237, NH-4, Dhangawadi, Tal-Bhor, Dist-Pune

Attendance Sheet for FDP on "Two day PCB workshop"

Day 1: Date 23/3/2015




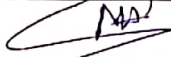
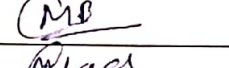
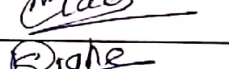
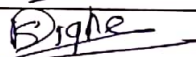
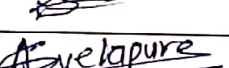
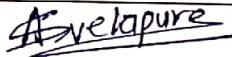
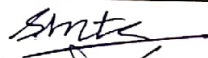


Sr No	Name of Staff	Signature
1	Prof. Dudhane T.M	
2	Prof. Dalavi D. U.	
3	Prof. Thube M. V.	
4	Prof. Gholve M.H.	
5	Prof. Dubal M. B.	
6	Prof. Lad M. S.	
7	Prof. Dighe S.S.	
8	Prof. Sapte M. S.	
9	Prof. Velapure A. S.	
10	Prof. Sonawane S. M.	
11	Prof. Shinde S. R.	
12	Prof. J. J. Bandal	



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(Shri Chhatrapati Shivajiraje College Of Engineering)
S.NO 237, NH-4, Dhangawadi, Tal-Bhor, Dist-Pune**

Attendance Sheet for FDP on "Two day PCB workshop"

Day 1: Date 24/3/2015

Sr No	Name of Staff	Signature
1	Prof. Dudhane T.M	
2	Prof. Dalavi D. U.	
3	Prof. Thube M.V.	
4	Prof. Gholve M.H.	
5	Prof. Dubal M. B.	
6	Prof. Lad M. S.	
7	Prof. Dighe S.S.	
8	Prof. Sapte M. S.	
9	Prof. Velapure A. S.	
10	Prof. Sonawane S. M.	
11	Prof. Shinde S. R.	
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Date: 24/03/2015

Department of Electronics & Telecommunication

Appreciation Letter

To,
Mr. Ajay Tiwari
Patronix Technology,
Pune

Respected Sir,

We would like to take this opportunity to thank you on behalf of RDTC's SCSCOE, Dhangwadi for taking Two days FDP on 'PCB Design', Conducted from 23/3/2015 to 24/3/2015. It was obvious that you are extremely knowledgeable in your field. It has been seen that everyone participated in workshop captivated by the sessions. We find that the whole area of your expertise in PCB designing is truly fascinating and would ask that you consider a repeat performance at some future date.

Thanking you.


Event Coordinator


HOD


Principal

Head of Department
Dept. of E& TC Engineering
Shri Chhatrapati Shivajiraje College of Engg.
Dhangawadi, Pune-412206



Principal
Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engg.,
Dhangawadi, Pune-412206

Received


॥ प्रत्ययितानां ज्ञानमयः प्रदिपः ॥
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Date: 24/03/2015

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Accepted
More

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Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (Maharashtra)

Department of Electronics & Telecommunication
Feedback Form: Two days FDP on PCB Design

Name of Staff: Prof Gholave M.H.

Sr No.		Excellent	Good	Medium
1	Depth of Knowledge	/		
2	Delivered Quality		/	
3	Software and Simulation	/		
4	Level of understanding		/	
5	Satisfied with Workshop		/	

Suggestions: Arrange ~~at~~ more FDP on this type of subject

Staff Signature: MA



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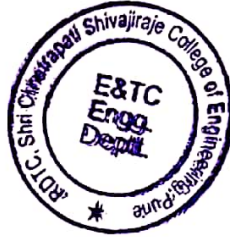
Name of Staff: Prof J-J. Bandal.

Sr No.		Excellent	Good	Medium
1	Depth of Knowledge	/		
2	Delivered Quality	/		
3	Software and Simulation		/	
4	Level of understanding	/		
5	Satisfied with Workshop	/		

Suggestions:

Staff Signature:

J-J. Bandal



About The Program

This course is intended for beginners and those looking for research and development. Syllabus of Program professionally was designed to cover Basic as well as Advance aspects of PCB Designing including following topics

- Step 1: Design and Output
- Step 2: From File to Film
- Step 3: Printing the inner layers
- Step 4: Removing the unwanted copper
- Step 5: Layer Allignment
- Step 6: Drill
- Step 7: Plating and Copper Deposition
- Step 8: Solder Mask application
- Step 9: Surface Finish
- Step 10: Electrical Test
- Step 11: Surface Finish
- Step 12: Electrical Test

Resource Persons: Ajay Tiwari ,

Mr. Pushkar More,

Patronix Technology, Pune.

Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

S. No. 237, Satara-Pune, NH-4,
Dhangawadi, Tal: Bhor, Dist: Pune
(Maharashtra)

Two days Faculty Development Program

On

'PCB Design'

(23rd March to 24th March 15)

Organized By:

Department of Electronics and
Communication Engineering

॥ श्रद्धालिने ज्ञानमयः प्रदीपः ॥



Important Dates

Last date of Registration: 20th March 2015
Intimation of Confirmation: 21st March 2015
Max. No. of seats: 20
(Registration on first come first serve basis)

Address for Communication

Rajgad Dnyanpeeth Technical Campus
Shri Chhatrapati Shivajiraje College Of
Engineering.
S. No. 237, Satara-Pune, Nh-4,
Dhangawadi, Tal: Bhor, Dist: Pune
(Maharashtra)

For any query, Contact:

1. Prof. M. S. Sapte

Mob: +91-9456833548

2. Prof .M. S. Lad

Email: mslad@gmail.com

Mob: +919430456321