



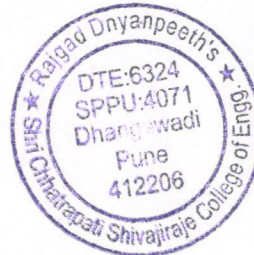
RAJGAD DNYANPEETH'S  
**SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING**  
Gat.No-237, Pune Banglore Highway, Dhangawadi, Tal-Bhor, Dist-Pune (Maharashtra)

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

**Year 2013-14**

Sr. No	Title of the program	Dates (from-to)	No. of Days	No of participants (Teaching Staff)	No of participants (Non-Teaching Staff)
1	Faculty Development Program on MATLAB and Its Application in Signal Processing	23/12/2013 to 24/12/2013	02	22	Nil

<b>Total No. of the programs arranged:</b>	<b>01</b>
<b>Total No. of Participants:</b>	<b>22</b>



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



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

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# 1. Faculty Development Program on MATLAB and Its Application in Signal Processing

॥ परमविभो ज्ञानमयः प्रदिवः ॥

Rajgad Dnyanpeeth'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: 12/12/2013

To,  
Prof. N. S. Narvale,  
Parvatibai Genba Moze College of Engineering  
Gate No. 2181, Wagholi, Pune,  
Maharashtra 412107

**Subject:** Invitation for conduction of Faculty Development Program on "Matlab & its applications in Signal Processing."

Respected Sir,

On behalf of Rajgad's SCSCOE College, I am very pleased to have the honor of inviting you to conduct Faculty Development Program on "Matlab & its applications in Signal Processing." 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.

Event Coordinator

Received & Accepted  
N.R. Narwade



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

Gat No. 237, Pune Bangalore High-way, Dhangawadi, Tal. Bhor, Dist. - Pune. Pincode - 412206. Telefax. : 02113-282456 / 556 / 656

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Rajgad Dnyanpeeth's  
**SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING**  
Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (Maharashtra)

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**Department of Electronics & Telecommunication**

Date: 16/12/2013

**NOTICE:**

All Teaching Staff are hereby informed that Faculty Development program on on “Matlab & its application in signal processing” is organized on 23/12/2013 and 24/12/2013 at 11.00 am onwards in seminar Hall.



**Event Coordinator**



**HOD**

**Head of Department**  
Dept. of E& TC Engineering  
Shri Chh. 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)

Date: 23/12/2013

SYLLABUS COVERED DURING FDP	
TIME	TOPICS
11am – 11:15am	Inauguration by Principal
11:15am- 11:30am	Introduction of Expert
11:30am- 11:45pm	Tea Break
11:45 pm –2.00 pm	➤ Matlab –Simulink Environment ➤ Signal Processing Toolbox
2.00pm – 3.00 pm	Lunch Break
3.00 pm -4:30 pm	Basics of Image processing using Matlab

Event Coordinator





Rajgad Dnyanpeeth's

**SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING**

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

Date: 24/12/2013

SYLLABUS COVERED DURING FDP	
TIME	TOPICS
11 am-11:30am	➤ Introduction of Fuzzy Logic
11:30am-11:45pm	Tea Break
11:45 pm –2.00 pm	➤ Introduction to Fuzzy Logic ➤ Fuzzy Logic Controller and its different modules ➤ Introduction to Neural Network Toolbox
2.00pm – 3.00 pm	Lunch Break
3.00 pm -4:30 pm	➤ Introduction to Neural Network Toolbox
4:30pm – 5.00 pm	Vote of Thanks

Event Coordinator







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**

**Name of Expert** : Prof. N. S. Narvale, Parvatibai Genba Moze College of Engineering

Gate No. 2181, Wagholi, Pune, Maharashtra 412107

**Title of Session**: Faculty Development Program on “Matlab & its applications in Signal Processing.”

**Date**: 23/12/2013 & 24/12/2013

**Duration**: 2 days

**Event Coordinator**: Prof. M. S. Lad

**Objective**: To get a brief introductory platform on Matlab which includes basics of Matlab ,operations on Matlab, and its vital role in signal processing.

**Description**:

MATLAB and Simulink are widely used across industries for research and product development, so researchers can apply their research to interesting and challenging real-world examples. MATLAB (MATrix LABORatory) is a multi-paradigm numerical computing environment and proprietary programming language developed by MathWorks. The Faculty Development Program (FDP) aims at deliberation, sharing knowledge to the target audience about the significance of MATLAB Tools and its application and present current research opportunities in this field. The discussion shall foster inter-disciplinary collaborative research in MATLAB Tools and its application. Also this program provides an excellent opportunity to exchange ideas on the topics of importance along with thought provoking technical sessions. MATLAB is a high-performance language for technical computing. It integrates computation, visualization, and programming environment. Furthermore, MATLAB is a modern programming language environment: it has sophisticated data structures, contains built-in editing and debugging tools, and supports object-oriented programming. These factors make MATLAB an excellent tool for teaching and research.

The program was inaugurated by Honourable Principal, RDTC's SCSCOE, on 23rd Dec 2013 at 11 am in seminar Hall. 25 faculty members from Electronics & Telecommunication department and Computer science department were present and an introductory session was started by Prof. N. S. Narvale Introduction to Matlab was completed before lunch. Afternoon session was started at Matlab laboratory with tutorial lessons. These lessons were followed by Interactive Computation, Programming in MATLAB: Scripts and Functions, its applications and was concluded by basics of Graphics using Matlab. The second day session of this Faculty Development Program was conducted by the team of eminent academicians possessing in-depth knowledge in the area of MATLAB. It will consist of a series of lectures and hands-on practical sessions.

**Conclusion**: Faculty Engaged in Interactive workshop and it is found to be very productive and knowledgeable to help students in their miniproject.





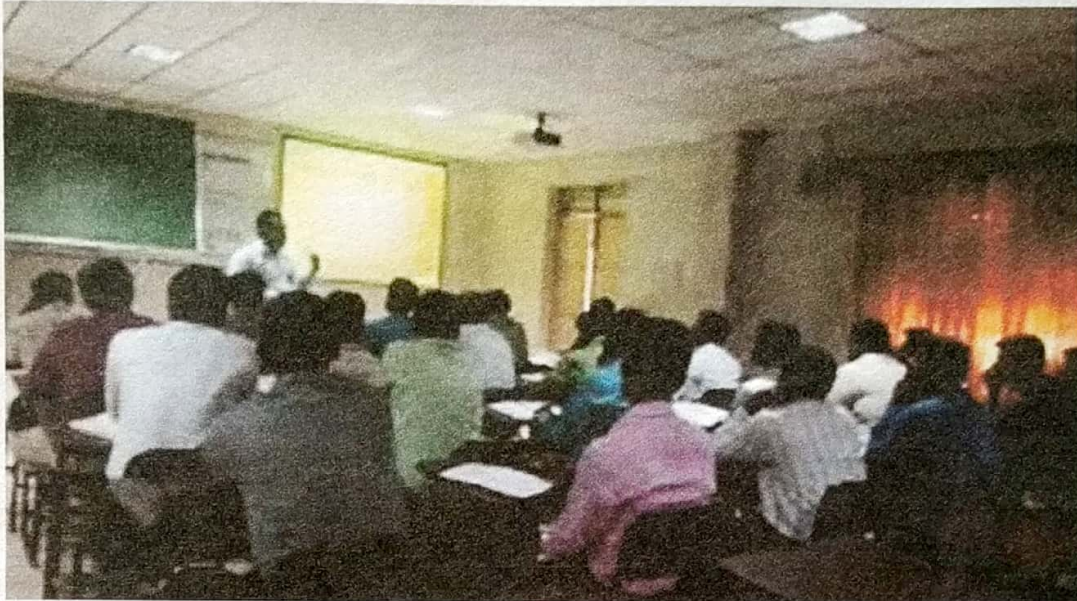


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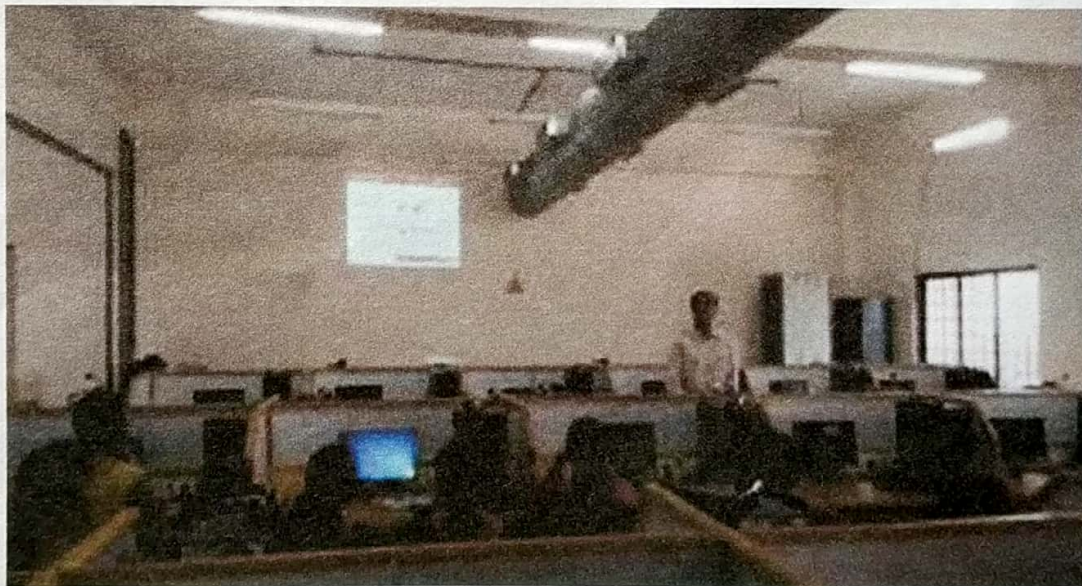
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**Photos During session:**



Prof. N. S. Narvale guiding all faculties, Date: 23/12/2013



Prof. N. S. Narvale, explaining MATLAB practically to all faculties, Date: 24/12/2013

**Event Coordinator**

**HOD**

**Head of Department**  
Dept. of E& TC Engineerin  
Shri Chh. Shivajiraje College of  
Dhangawadi, Pune-412206







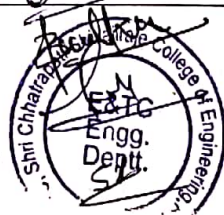
RAJGAD DNYANPEETH  
RAJGAD DNYANPEETH TECHNICAL CAMPUS  
(Shri Chhatrapati Shivajiraje College Of Engineering)  
S.NO 237, NH-4, Dhangawadi, Tal-Bhor, Dist-Pune

Department of Electronics & Telecommunication Engineering

Attendance Sheet for FDP on "Matlab & its Application in Signal Processing"

Date : 23/3/2013 & 24/12/2013

Sr No	Name of Staff	23/12/2013	24/12/2013
		SIGN	SIGN
1	Mr. T.M. Dudhane		
2	Mr. D.V. Dalavi		
3	Mrs. M.V. Thube		
4	Mr. A.S. Velapure		
5	Mrs. S.S. Dighe		
6	Mrs. M.H. Gholave		
7	Ms. S.N. Lonawane		
8	Mr. M.S. Sapte		
9	Mrs. M.B. Dubal		
10	Mrs. M.S. Lad		
11	Mr. V.G. Khetwalis		
12	Ms. M.M. Memane		
14	Mr. B.D. Thorat		
15	Ms. L.M. Badhe		
16	Ms. T.V. Suryawanshi		
17	Ms. S.P. Patil		
18	Ms. Y.H. Bhargude		
19	Mr. R.R. Ranaware		
20	Mrs. A.S. Sondkar		
21	Mr. S.A. Bhuskute		
22	Mrs. S.S. Kondekar		









Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

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

**Faculty Feedback Form**

**Title of FDP: "Matlab & its Applications in Signal Processing"**

**Location: RD's SCSCOE, Dhangawadi.**

**Date: 23<sup>rd</sup> to 24<sup>th</sup> December 2013**

**Name of faculty:** Ms. M.M. Memane

❖ **Overall, how would you rate this FDP?**

*Please Tick (✓)*

1. How would you rate the usefulness of the content?

Marks: (1) (2) (3) (4) ~~(5)~~

2. How would you rate the hands-on activities?

Marks: (1) (2) (3) ~~(4)~~ (5)

3. How would you rate the presenter's knowledge in the subject?

Marks: (1) (2) (3) (4) ~~(5)~~

4. How would you rate the presenter's style of teaching?

Marks: (1) (2) (3) (4) ~~(5)~~

5. How would you rate the pace of the presentation?

Your opinion: (Too fast) (Too slow) ~~(Just right)~~

6. Was the FDP above or below your current skill level?

Your opinion: (~~Above~~) (Below) (Just right)

7. What did you like best or find most useful about the presentation?

*style of teaching*

8. Were your personal learning goals for the course met?

If "No," please describe those expectations that were not met.

9. Any other comments? *Organize such programs in more numbers*



*Ms. M.M. Memane*  
Sign of faculty member



Date: 24/12/2013

## Department of Electronics & Telecommunication

### Thanking Letter

To,  
Prof. N. S. Narvale,  
Parvatibai Genba Moze College of Engineering  
Gate No. 2181, Wagholi, Pune,  
Maharashtra 412107.

Respected Sir,

We would like to take this opportunity to thank you on behalf of RDTC's SCSCOË, Dhangwadi for taking Faculty Development Program on "Matlab & its applications in Signal Processing.", Conducted on 23<sup>rd</sup> and 24<sup>th</sup> December 2013. It was obvious that you are extremely knowledgeable in your field. It have been seen that everyone participated in this Program was captivated by the session. This will be very helpful for staff to enhance their knowledge and be capable to teach students about advancements in the signal processing.

Your area of your expertise in is truly fascinating and would ask that you consider a repeat performance at some future date.

Thanking you.

Event Coordinator

Received  
N.R. Narawade



HOD

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



### About The Program

The Key objective of FDP is to help faculty to gain knowledge about usage and application of MATLAB in Research. The FDP will help faculty members to interact, exchange ideas and share knowledge on topics such as:

- Matlab –Simulink Environment
- Signal Processing Toolbox
- Basics of Image processing using Matlab
- Introduction to Fuzzy Logic
- Fuzzy Logic Controller and its different modules
- Introduction to Neural Network Toolbox

### Resource Persons

1. Prof. N. S. Moze,

Parvatibai Genba Moze College of Engineering Gate No. 2181, Wagholi, Pune, Maharashtra 412107

RajgadDnyanpeeth's

### SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

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

Faculty Development Program

On

**"Matlab & its Applications in Signal  
Processing"**

(23<sup>rd</sup> DEC to 24<sup>th</sup> DEC13 )

Organized By:

Department of Electronics and  
Communication Engineering

॥ प्रकृतिलो ज्ञानमयः प्रदीपः ॥



### Important Dates

Last date of Registration: 20<sup>th</sup> DEC 2013  
Intimation of Confirmation: 21<sup>st</sup> DEC 2013  
Max. No. of seats: 25  
(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: Bhore, Dist: Pune  
(Maharashtra)

### For any query, Contact:

1. Prof. M. S. Sapte

Mob: +91-9456833548

2. Prof. M. S. Lad

Email: madhurilad@gmail.com

Mob: +91-9910840206