

**ACADEMIC**

**YEAR**

**2013-14**

॥ प्रत्यक्षिनां ज्ञानमयः प्रदिपः ॥

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



Department of Mechanical Engineering

Date: 15-12- 2013

## INVITATION LETTER

To,  
The Head,  
Robogalaxy,  
UVSofts Technologies Pvt. Ltd.


Dear Sir,

On behalf of Rajgad's SCSCOE College, I am very pleased to have the honor of inviting you to conduct four days workshop, in our college on Robotics. We will be arranging the workshop as per your convenience. We are expecting approximately 60-65 students and faculty from the Mechanical Department.

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.



  
Prof. S. K. Pawar  
Head of Department  
Dept. of Mechanical Engineering  
Shri Chh. Shivajiraje College of Engg.  
Dhangawadi, Pune-412206

Received  
M. Shinde

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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**NOTICE**

**Date:** 18/12/2013

All the students of SCSCOE are hereby informed that Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engineering Dhangawadi is going to organize Four Days workshop on Robotics confirmed dates are 17<sup>th</sup> January to 20<sup>th</sup> January 2014. Participant students will learn about Robotics and can make racing robot within Four Days and will get certificate from Robogalaxy, UVSofts Technologies Pvt. Ltd. The registration fees per student is Rs. 1250/- . Those who are interested should urgently contact along with registration fees to Prof. S. K. Pawar (Mech. Dept.).



  
**Prof. S. K. Pawar**  
**HOD**  
Head of Department  
Dept. of Mechanical Engineering  
Shri Chh. Shivajiraje College of Engg.  
Dhangawadi, Pune-412206



**SHRI CHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING**

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

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**REPORT OF FOUR DAYS NATIONAL LEVEL WORKSHOP ON ROBOTICS**

DEPARTMENT: Mechanical Engineering

CLASS: TE

NAME OF TRAINER:

FROM: UVSofts Technologies Pvt. Ltd.

TITLE OF SESSION: Learn to build wireless robots.

DAY & DATE: 17<sup>th</sup> Jan. to 20<sup>th</sup> Jan. 2014

DURATION OF SESSION: Four Days

STUDENTS PRESENT: 65

COORDINATOR: Prof. S. K. Pawar.

OBJECTIVE: To bring participant students in a position to learn how to build wireless robots.

DISCRIPTION: Robogalaxy, UVSofts Technologies comes up with a new idea to encourage students on very interesting and upcoming topic of Robotics. It is basically to clear a concept of how to build wireless robots. The measured contents of this course are basics of robotics, circuits and motors. How to solder, how to build a circuit on breadboard and finally how to build a wireless robot. Robogalaxy has explained constructional concepts of multimeter, Encoder, Making a Transmitter, Build a Dual Motor Drive, Decoder.

PHOTO'S DURING SESSION:

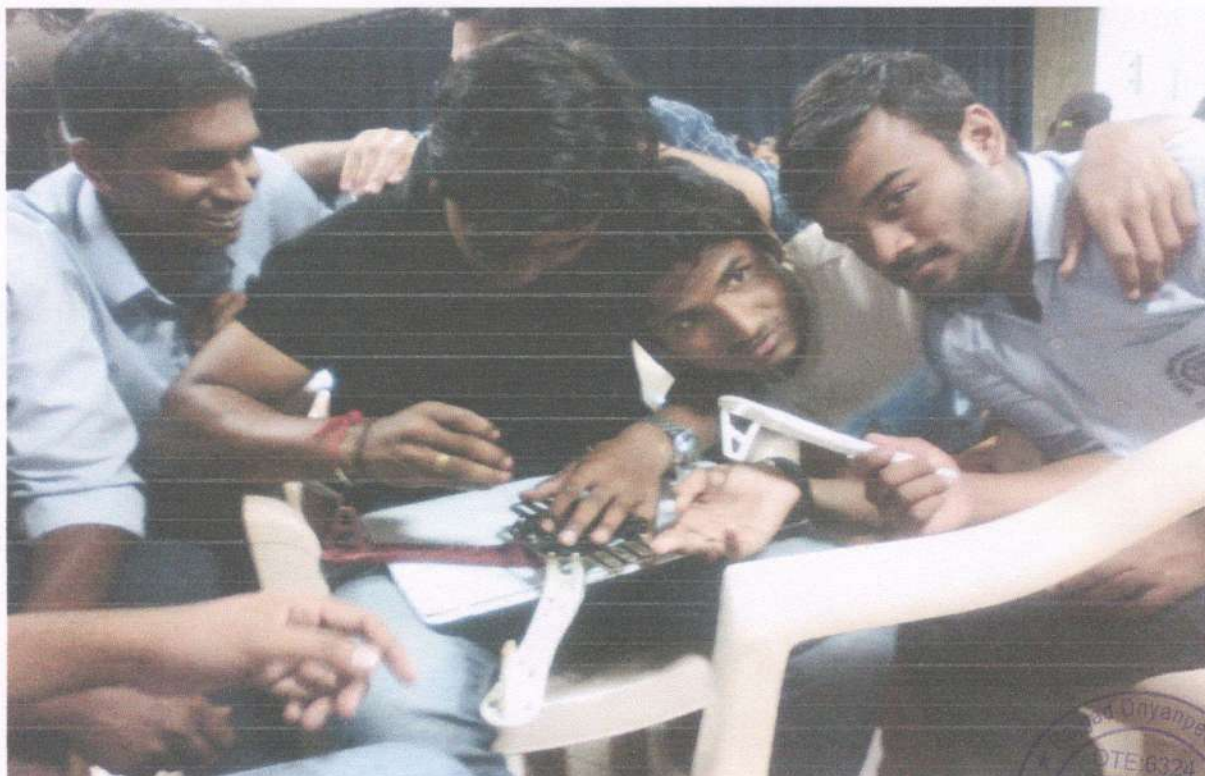


Photo Session During Workshop.





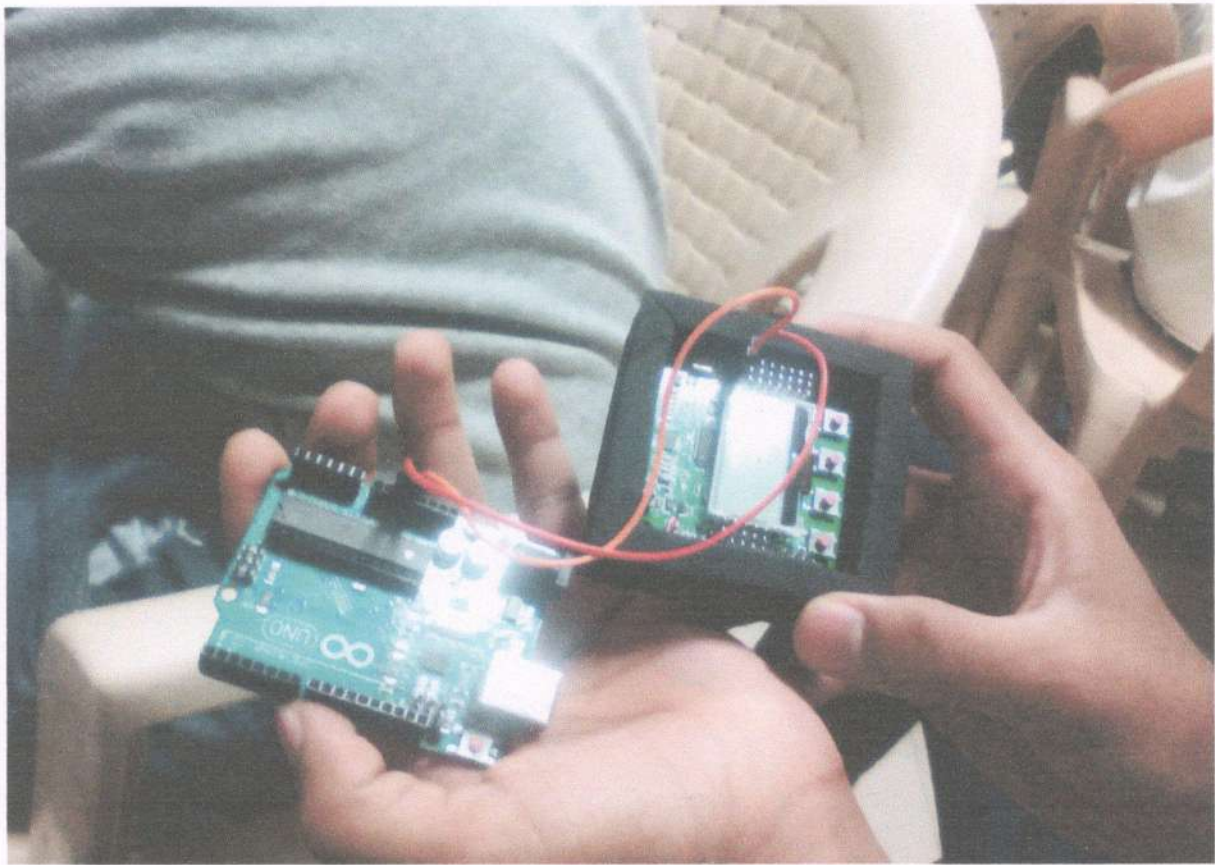


Photo Session During Workshop

**CONCLUSION:** The knowledge about all aspects of Electronics, Mechanics, Design of machine elements, Programming and Communication is really useful to the all participant students.



  
Prof. S. K. Pawar

**Head of Department**

HOD  
Dept. of Mechanical Engineering  
Shri Chh. Shivajiraje College of Engg.  
Dhangawadi, Pune-412206

Rajgad Dnyanpeeth's  
**RAJGAD DNYANPEETH TECHNICAL CAMPUS, DHANGAWADI.**

Shri Chhatrapati Shivajiraje College of Engineering

Department of Mechanical Engineering

**Attendance Sheet for Workshop on Robotics**

Sr.No.	Class	Name of Student	Date	17/01/14	18/01/14	19/01/14	20/01/17
1	Mech	DHUMAL AJINKYA LAXMAN	→	Ajay	Aja	Ajay	Ajay
2	-11-	VIDHATE PARAG DHARMARAO		De	De	De	De
3	-11-	MARKAD AMAR DATTATRAY		ADmarka	ADmarka	ADmarka	ADmarka
4	-11-	KOREKAR ANNASAHEB ASHOK		Akopolkar	Akopolkar	Akopolkar	Akopolkar
5	-11-	SHIMPI PRATIK SHAMKANT		Shis	Shis	Shis	Shis
6	-11-	KHILARI DNYANESHWAR LAHU		Dkhilli	Dkhilli	Dkhilli	Dkhilli
7	-11-	KUNJIR PRAMOD SUBHASH		Pranik	Pranik	Pranik	Pranik
8	-11-	SHELKE SAGAR BHAGWAN		Shelke	Shelke	Shelke	Shelke
9	-11-	MANE TUSHAR YADAV		Mane	Mane	Mane	Mane
10	-11-	TAMBE OMKAR SATISH		Otambe	Otambe	Otambe	Otambe
11	-11-	SHELAR VISHAL ANKUSH		S	S	S	S
12	-11-	KHALADKAR KIRAN JALINDAR		Khaladkar	Khaladkar	Khaladkar	Khaladkar
13	-11-	CHAUHAN DEVENDRAKUMAR R		Dev	Dev	Dev	Dev
14	-11-	SAINI ANAND VIJAYBAHADUR		Saini	Saini	Saini	Saini
15	-11-	PATIL SAMEER EKNATH		Patil	Patil	Patil	Patil
16	-11-	NIKAM OMKAR CHANDRAKANT		Nikam	Nikam	Nikam	Nikam
17	-11-	SHINDE ROSHAN DILIP		Shinde	Shinde	Shinde	Shinde
18	-11-	UDTHA SHAILESH SANTAJI		Udth	Udth	Udth	Udth
19	-11-	MANSUKH VISHAL SHANKAR		Mansukh	Mansukh	Mansukh	Mansukh
20	-11-	WARULKAR RUPESH RAMESH		Raul	Raul	Raul	Raul
21	-11-	TUPE REVANNATH LAXMAN		Tupe	Tupe	Tupe	Tupe
22	-11-	GARUD TUSHAR G.		Tard	Tard	Tard	Tard
23	-11-	YADAV CHETAN MOHAN		Yadav	Yadav	Yadav	Yadav
24	-11-	GOPALGHARE RAJ RAMESH		Gaul	Gaul	Gaul	Gaul
25	-11-	BICHHEWAR UMESH SHIVAJI		Umesh	Umesh	Umesh	Umesh





Rajgad Dnyanpeeth's  
**RAJGAD DNYANPEETH TECHNICAL CAMPUS, DHANGAWADI**  
 Shri Chhatrapati Shivajiraje College of Engineering  
 Department of Mechanical Engineering

**Attendance Sheet for Workshop on Robotics**

26	—  —	KHALADKAR MAHENDRA JALINDAR	Jakul	Jaled	Juch	Jeeu
27	—  —	KAVITAKE SANTOSH LALCHAND	Kavitake	Kumthar	Kavitake	Kavitake
28	—  —	KHANDARE ATISH ARUN	Atish	Atuls	Atish	Atish
29	—  —	LINGE YOGESH VALMIK	Linge	Linge	Linge	Linge
30	—  —	DANGAT ROHAN SHARAD	Raesh	Rash	Rash	Rash
31	—  —	WADILE RUPESH LALCHAND	wadile	wadile	wadile	wadile
32	—  —	WANKHADE AJINKYA RAJENDRA	Wankul	Wankul	Wankul	Wankul
33	—  —	NEWASE ROHIT GAJANAN	Newase	Newase	Newase	Newase
34	—  —	ABHIJEET P DAS	Das	Das	Das	Das
35	—  —	ALKARI TUSHAR YUVARAJ	Yuvraj	Yuvraj	Yuvraj	Yuvraj
36	—  —	AMOL GHOTALE	Ghotale	Ghotale	Ghotale	Ghotale
37	—  —	ANDRAT DYLAN AUSTIN	Aad	Aad	Aad	Aad
38	—  —	AVHAD SIDDHARTH BABAN	Avhad	Avhad	Avhad	Avhad
39	—  —	BARHATE SOMNATH MARUTI	Bar	Bar	Bar	Bar
40	—  —	BAVADEKAR SUSHANT GAJANAN	Bas	Bas	Bas	Bas
41	—  —	BHAGAT ANURAG ARUN	Anurag	Anurag	Anurag	Anurag
42	—  —	BHAGAT KULDIP SANJAY	Keel	Keel	Keel	Keel
43	—  —	BHANDE KIRAN SAMPAT	Keel	Keel	Keel	Keel
44	—  —	CHAVAN AJAY PADMAKAR	Chav	Chav	Chav	Chav
45	—  —	CHAVAN ANIL KAILAS	Chav	Chav	Chav	Chav
46	—  —	CHAVAN KOMAL SHANKAR	Chavan	Chavan	Chavan	Chavan
47	—  —	CHAVAN SACHIN MAHADEO	Sachin	Sachin	Sachin	Sachin
48	—  —	DALAVI DINESH DILIPKUMAR	Dalavi	Dalavi	Dalavi	Dalavi
49	—  —	DEOKARSUNIL CHANDRAKANT	Sunil	Sunil	Sunil	Sunil
50	—  —	GAIKWAD HEMANT VILAS	Hemant	Hemant	Hemant	Hemant





Rajgad Dnyanpeeth's  
**RAJGAD DNYANPEETH TECHNICAL CAMPUS, DHANGAWADI**  
 Shri Chhatrapati Shivajiraje College of Engineering  
 Department of Mechanical Engineering

**Attendance Sheet for Workshop on Robotics**

Sr.No.	Class	Name of Student	Date	17/01/14	18/01/14	19/01/14	20/01/17
51	---	GHARESACHIN BHARAT	→	Gharat	Gharat	Gharat	Gharat
52	---	GHAWATE VISHAL DATTATRAY		Ghawate	Ghawate	Ghawate	Ghawate
53	---	GHOGARE NILESH ARVIND		Ghogare	Ghogare	Ghogare	Ghogare
54	---	GHOGARE SAMARJEET RAJENDRA		Ghogare	Ghogare	Ghogare	Ghogare
55	---	GHOLAP HRUSHIKESH RAJENDRA		Gholap	Gholap	Gholap	Gholap
56	---	GOGAWALE KIRAN DATTATRAYA		Gogawale	Gogawale	Gogawale	Gogawale
57	---	GORAD PRANAV DATTATRAY		Gorad	Gorad	Gorad	Gorad
58	---	GURAV VISHAL VIJAY		Gurav	Gurav	Gurav	Gurav
59	---	JADHAV VISHAL UTTAM		Jadhav	Jadhav	Jadhav	Jadhav
60	---	JAGDALE MOHINISH ABBASAHIB		Jagdale	Jagdale	Jagdale	Jagdale
61	---	JAGTAP AVINASH KRISHANAT		Jagtap	Jagtap	Jagtap	Jagtap
62	---	JAGTAP NIKHIL BHAGWAN		Jagtap	Jagtap	Jagtap	Jagtap
63	---	KALEL DIPAK ANNA		Kalel	Kalel	Kalel	Kalel
64	---	KARAD SADANAND RAJKUMAR		Karad	Karad	Karad	Karad
65	---	KARANDE SUNIL NIWRUTTI		Karande	Karande	Karande	Karande



  
**HOD**  
 Head  
 Mechanical Engineering Dep.  
 Shivajiraje College of Engineering  
 Dhangawadi Tal. Bhor  
 Dist. Pune - 412206

# Shri Chhatrapati Shivajiraje College of Engineering

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Maharashtra State



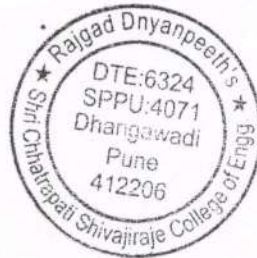
Date: -20/01/2014


To,  
The Head,  
Robogalaxy,  
UVSofts Technologies Pvt. Ltd.

Dear,

We would like to take this opportunity to thank you on behalf of RDTC's SCSCOEE; Dhangawadi for taking workshop on 'Robotics' conducted in our college from 17<sup>th</sup> September to 20<sup>th</sup> September 2014. It was obvious that you are extremely knowledgeable in your field. It saw everyone participated in workshop captivated by the sessions. We find that the whole area of your expertise in Robotics is truly fascinating and would ask that you consider a repeat performance at some future date.

Thanking you.



  
Prof. S. K. Pawar  
HOD  
Head of Department  
Dept. of Mechanical Engineering  
Shri Chh. Shivajiraje College of Engg.  
Dhangawadi, Pune-412206







**Robo Galaxy**  
2013

In association with

**Pravega**  
2013  
Science, tech and culture fest

hosted  
at



**IISc**  
Bangalore

India's biggest advanced robotics competition by **UVSofts Technologies**



Vision • Mission • Goal

## Certificate Of Coordination

This is to certify that ~~Mr~~/Ms. Prof. S.K. Pawar

of Mechanical Engg Dept.

work as workshop coordinator in zonal rounds of

ROBO GALAXY-2013, a national level robotics

championship, held from 17<sup>th</sup> Jan. 2014

to 20<sup>th</sup> Jan. 2014 at JSCCOE Bhor. organized by

UV Softs Technologies Pvt. Ltd.



UVSofts Technologies Pvt. Ltd.

Visit us : [www.uvsofts.com](http://www.uvsofts.com) | [www.pravega.org](http://www.pravega.org)

Our Official Partner : UVSofts Technologies Pvt. Ltd.



India's biggest advanced robotics competition by UVSofts Technologies



# Certificate Of Merit

This is to certify that Mr/Ms. Tambe Omkar S.  
of Mechanical Engg.  
have secured Second Position in zonal  
rounds of ROBO GALAXY-2013, a national level robotics  
championship, held from 17<sup>th</sup> January 2014  
to 20<sup>th</sup> January 2014 at S.C.S.C.O.E. Dhargwad organized by  
UV Softs Technologies Pvt. Ltd.



UVSofts Technologies Pvt. Ltd.

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Robo Galaxy  
2013-14

In association with

Pravega

hosted  
at



IISc  
Bangalore

India's biggest advanced robotics competition by UVSofts Technologies



Vision : Mission : Goal

## Certificate Of Participation

This is to certify that Mr/Ms.....Shinde.....Roshan.....D.....

of.....Mechanical Engg.....

participated in zonal rounds of ROBO GALAXY 2013-14, a

national level robotics championship ,held

at.....S. C. S. S. F. Dhongbadri.....organized by

UV Softs Technologies Pvt. Ltd.



UVSofts Technologies Pvt. Ltd.

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Our Official Partner : UVSofts Technologies Pvt. Ltd.



India's biggest advanced robotics competition by UVSofts Technologies



## Certificate Of Merit

This is to certify that Mr/Ms. Shinde Roshan D.  
of Mechanical Engg.  
have secured First Position in zonal  
rounds of ROBO GALAXY-2013, a national level robotics  
championship, held from 17<sup>th</sup> January 2014  
to 20<sup>th</sup> January 2014 at S.C.S.C.O.E. Dhongul organized by  
UV Softs Technologies Pvt. Ltd.



UVSofts Technologies Pvt. Ltd.

Visit us : [www.uvsofts.com](http://www.uvsofts.com) | [www.pravega.org](http://www.pravega.org)

Our Official Partner : UVSofts Technologies Pvt. Ltd.



**ACADEMIC**

**YEAR**

**2014-15**

# CADD Centre Training Services

S.No. 30/3, 2<sup>nd</sup> Floor, Balaji Nagar, K.K. Market Chowk, Dhankawadi,  
Pune - 411 037, Maharashtra, INDIA.  
Phone: 020 - 32420922. E-mail: mh.bibvewadi@caddcentre.ws

# CADD CENTRE

To,  
Respected, The Principal,  
SCSCOE ,Dhangwadi,Pune,

CADD CENTRE, BIBVEWADI

&

RD's SCSCOE, Dhangwadi, Bhor, Pune- 412206

This Memorandum of Understanding, dated the 4<sup>th</sup> February Two Thousand and Fifteen, is entered between SCSCOE, Dhangwadi represented by Rajgad Dnyanpith Group of Institutions, and M/s. CADD Centre, Bibvewadi. S.No. 30/3, 2<sup>nd</sup> Floor, Balaji Nagar, K.K. Market Chowk beside Shatayu Hospital Dhankawadi (as CADD Centre ) represented by Mr Kaustubh Panse as Managing Partner .

## - CADD CENTRE COLLABORATION OBJECTIVE :

Maximise placement opportunities for students of Civil & Mechanical Engineering branches by equipping them with industry specific skills and make them industry ready. This Memorandum of Understanding is to conduct an Unique Systematic Skills Development Program for the students of the Engineering College Towards achieving the objective of maximising the employment opportunities for the students and to plan & develop their careers. This memorandum of understanding is being entered for a minimum period of 3 years, which can then be further extended mutually.

The Memorandum of Understanding states the terms and conditions under which the Unique Systematic Skills Development Programme shall be conducted by CADD Centre at the SCSCOE, Dhangwadi, and lists herein the respective responsibilities of both parties:

## PREAMBLE:

For a student to be recruited by a good company, he/she is expected to have the following:

1. Strong Fundamental management Knowledge.

Franchisee : Binary Solutions

Administrative Office : 8<sup>th</sup> Floor, GEE GEE Crystal, Office No. 8 C & 8 D,  
Door No. 91, Dr. Radhakrishnan Salai,  
Mylapore, Chennai - 600 004, INDIA  
Ph. 044 - 4596 6100 Fax: 044 - 2847 3506  
www.caddcentre.ws

# CADD Centre Training Services



S. No. 30/3, 2<sup>nd</sup> Floor, Balaji Nagar, K.K. Market Chowk, Dhankawadi,  
Pune - 411 037, Maharashtra, INDIA.  
Phone: 020 - 32420922. E-mail: mh.bibvewadi@caddcentre.ws.

2. Engineering & Management related **Multiple Technical Skills** - Develop skills that add value.
3. Project Management & Design excellence - Learn & Acquire the Skills
4. Communication & other Soft Skills.

CADD Centre will equip the Engineering branches students with the required industry specific project management skills.

Looking at huge vehicle design and manufacturing industry in Pune & around where most of the major OEM's & their vendors are located. The job opportunities in design segment are very good. The introduction of latest software for the vehicle design now requires new skill sets.

There are more than 5000 EPC & projectivized companies in Pune & Mumbai. They require lot of readymade professional for planning, contract management and tracking of project. The existing project management teams suffer to manage their project & implement the software. We wish to prepare our students for the same requirements.

Through this collaboration, CADD Centre will prepare the students of SCSCOE, **Dhangwadi** to be ready for industry by the time they enter the final semester and facilitate many of them to secure dream jobs. For this the students have to be nurtured and trained in different areas. Keeping in sync with academic progress and the knowledge curve over a period of time its proposed to be done for all students.

## SCOPE OF COLLOBORATION :

Both parties to this MOU agree that the broad scope of responsibility will be as stated below :

## CADD CENTRE BIBVEWADI SHALL PROVIDE

- The Internationally acclaimed CADD Centre course material to all students for each software.
- Each student who successfully completes the training programme will be given a certificate .
- The requisite instructors to provide the training for the different software .
- Assessment of student on module completion.
- Special mock interviews for the final year students to prepare them for the regular on-campus jobs.

Franchisee : **Binary Solutions**

Administrative Office : 8<sup>th</sup> Floor, GEE GEE Crystal, Office No. 8 C & 8 D,  
Door No. 91, Dr. Radhakrishnan Salai,  
Mylapore, Chennai - 600 004. INDIA.  
Ph. : 044 - 4596 6100 Fax : 044 - 2847 3505  
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Pune - 411 037, Maharashtra, INDIA.  
Phone : 020 - 32420922. E-mail : mh.bibvewadi@caddcentre.ws

# CADD CENTRE®

## INSTITUTE OF ENGINEERING SHALL PROVIDE :

- Required number of computer systems in the lab for the practicals.
- Class rooms with LCD projector for the theory classes.
- Schedule the classes for this training during normal working hours of the college.
- Ensure all students in a class will attend the training programmes scheduled for them.
- Disciplinary support for the smooth conduct and timely completion of the entire course.
- Appropriate software licenses for the training program.

## COURSE CONTENTS

CADD Centre in consultation with SCSCOE, Dhangwadi has finalized the course contents for the skills development program. These will be reviewed every year and suitable changes, if required, will be incorporated. As the requirement of each core engineering branch is different, course contents have been worked out separately for each branch.

## TIME SCHEDULE

The programme(s) will be conducted during or after the college working hours as per the guidance of the mentor at the college. The students will be divided into batches, depending on the total strength.

## LINK OFFICER

The Principal shall appoint a Link Officer from each department for the duration of the programme, who shall liaise with CADD Centre and speak for the participants to make the training process learner-friendly and effective. CADD Centre shall work in close relationship with the Link Officer, who shall in-turn keep a close touch with the students. In the event of any difference of opinion between CADD Centre and the Link Officer, the matter should be referred to the Prof.Jadhav G.S., whose decision thereon shall be final.

Franchisee : Binary Solutions

Administrative Office : 8<sup>th</sup> Floor, GEE GEE Crystal, Office No. 8 C & 8 D,  
Door No. 91, Dr. Radhakrishnan Salai,  
Mylapore, Chennai - 600 004, INDIA.  
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Pune - 411 037, Maharashtra, INDIA  
Phone: 020 - 32420922. E-mail: mh.bibvewadi@caddcentre.ws

# CADD CENTRE

## COURSE FEES & PAYMENT PATTERN

The course fees per student for each one the courses offered is detailed at Annexure 2.  
Full fees will be paid in advance..

## JURISDICTION

All matters, queries, disputes or differences, whatsoever, arising between the parties touching the construction, meaning, operation or effect of this Memorandum of Understanding or out of or relating to this Memorandum of Understanding or breach thereof shall be settled through arbitration in accordance with the relevant Arbitration Act in force at such time. The Arbitration award shall be binding on both parties.

## VALIDITY

This Memorandum of Understanding will be valid for a period of 3 years .

This Memorandum of Understanding shall come into effect from 4<sup>th</sup> Feb 2015

ON BEHALF OF

RD's SCSCOE, Dhangwadi,

*RUM*  
04/02/2015

PRINCIPAL

Shri Chhatrapati Shivajiraje College  
Of Engineering Dhankawadi,  
Tal. -Bhor, Dist. -Pune

ON BEHALF OF

CADD Centre, Bibvewadi

*K. Bant*  
04/02/2015

CADD CENTRE, Dhankawadi

K.K. Market Chowk, Pune-37.

PH:- 9673476000 / 32420922

Franchisee

: Binary Solutions

Administrative Office :

8<sup>th</sup> Floor, GEE GEE Crystal, Office No. 8 C & 8 D  
Door No. 91, Dr. Radhakrishnan Salai,  
Mylapore, Chennai - 600 004. INDIA.  
Ph : 044 - 4596 6100 Fax: 044 - 2847 3505  
www.caddcentre.ws



|| श्री-चक्रवर्ती राजराज्य-उद्विग्न ||  
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

Anant Rao Thopte  
Founder President  
Ex. Education Minister  
Maharashtra State



Ref. No. RD/SCSCOE/CIVIL DEPT/2014-15/

Date: 21/01/2015

## INVITATION

To,  
Mr. Kaustubh Panase  
CADD Centre,  
Bibvevadi, Pune

**Subject:** Invitation for conducting Auto CAD Course.

**Ref:** Your telephonic discussion with Prof. S. R. Sutar on 12 Nov. 2015

Respected sir,

This gives Department of Civil Engineering of SCSCOE, great pleasure to request you to conduct certified course Programme as Auto CAD Course for Third year Civil students in SCSCOE, Dhangawadi. We will be thankful to you if you can schedule this programme of 40hrs on each Saturday and Sunday of February and March of 2015. Kindly note that majority of expected participants are from academia.

Therefore we are looking forward to meet you soon and get enlightened with your experience.

Thanking you.

Yours Faithfully,

  
Prof. G. S. Jadhav

H.O.D. of Civil Engg.  
Dept. of Civil Engineering  
Shri Chh. Shivajiraje College of Engg.  
Dhangawadi, Pune-412206

  
Prof. S. R. Sutar

Co-ordinator





Rajgad Dnyanpeeth's

**SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING**

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

---

Date: 06/02/2015

**NOTICE**

All students of TE Civil hereby informed that we are going to start Auto CAD 2D certified courses programme in our department at Computer Lab those students are interested kindly contact to Prof. S. R. Sutar. Contact No. 9096246540



A handwritten signature in black ink, consisting of several overlapping lines.

**Prof. G. S. Jadhav**

**Head of Department**  
Dept. of Civil Engineering  
Shri Chh. Shivajiraje College of Engg.  
Dhangawadi, Pune-412206



## AUTOCAD SYLLABUS

DAY	CHAPTER	TOPICS	HOURS
DAY 1	INTERDICTION OF AUTOCAD	AutoCAD versions Interface	1
DAY 2	Control the Drawing CHANGE VIEWS	Function keys AutoCAD basics	1
DAY 3	Cartesian coordinate system	ABSOLUTE COORDINATE SYSTEM RELATIVE COORDINATE SYSTEM	1
DAY 4	Draw commands	Line command Poly line command Rectangle command	1
DAY 5	Modify commands	Move ,Rotate, Scale, copy, Mirror, erase, trim, extend	1
DAY 6	Annotate Dimension Style Manager	Linear, Aligned, Radius Angular, Arc length	1
DAY 7	Text command Layers blocks	Single line text Multiline text Layer properties Insert blocks	1
DAY 8	Parametric	Geometric, Dimensional Manage	1
DAY 9	Isometric views	Isometric top, left, right Isometric diagrams	1
DAY 10	Isometric drawings	Isometric diagrams exercise	1
DAY 11	2D Fundamentals	Drawing units Sheet settings	1
DAY 12	Mechanical diagrams	knuckle joint	1
DAY 13	2d drawings	Idler plate Hook drawing	1
DAY 14	2d diagram	fork	1
DAY 15	Create and Save AutoCAD	Save files Export pdf plot	1



DAY	CHAPTER	TOPICS	HOURS
DAY 16	Use the AutoCAD visual reference commands	Drawing Area Setup Visual reference	1
DAY 17	Interactive Input method	grid snap mode	1
DAY 18	Civil Building planning and drawing	introduction to building drawing	1
DAY 19	brief history of building drawing	different types of buildings	1
DAY 20	residential buildings	exercise – 1 planning house drawing rough sketch	1
DAY 21	Institutional buildings	floor plan	1
DAY 22	different types off residential buildings	detached house semi detached house	1
DAY 23	duplex type house	drawing ground floor 1 <sup>st</sup> floor 2 <sup>nd</sup> floor	1
DAY 24	principles of planning of building	residential house public buildings	1
DAY 25	elevations	1 <sup>st</sup> floor 2 <sup>nd</sup> floor elevation	1
DAY 26	door drawings windows	door elevation windows	1
DAY 27	partitions foundation sub substructure	Drawing partitions	1
DAY 28	electrical drawings	Circuit,transistor symbols	1
DAY 29	electrical plans	exercises	1
DAY 30	introduction to 3d interface	AutoCAD workspaces are sets of menus	1



Rajgad Dnyanpeeth's

**SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING**

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

---

**REPORT ON Auto CAD 2D Course PROGRAMME**

**TITLE/TOPIC:** “Auto CAD 2D Course”

**SESSION:** Computer Lab

**DURATION OF SESSION:** Each Saturday & Sunday at 11 am -5 pm

**OBJECTIVE:** To train the students architectural drawing and planning it is generally known as computer aided drafting software.

**DESCRIPTION:** With the help of this students to have reasonably good knowledge regarding Auto CAD and its applications which involve following things as below

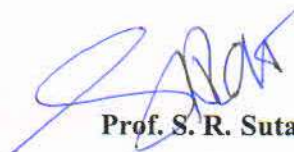
- INTRODUCTION TO AUTOCAD
- STARTING WITH ADVANCED SKETCHING.
- WORKING WITH DRAWING AIDS
- EDITING SKETCHED OBJECTS
- DRAW RESIDENTIAL BUILDINGS
- INTRODUCTION TO 3D INTERFACE

**CONCLUSION:** This course covers the complete analysis and design of RCC structures.

**PHOTO DURING SESSION:**





  
**Prof. S. R. Sutar**  
**Co-ordinator**

  
**Prof. G. S. Jadhav**  
**Head of Department**  
Dept. of Civil Engineering  
Shri Chh. Shivajiraje College of Engg.  
Dhangawadi, Pune-412206





**SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING**

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

**"Auo CAD 2D Course"****Student Attendance Sheet**

Sr. No.	Name of students	7/03/15	8/3/15	14/3/15	15/3/15	21/3/15	22/3/15	28/3/15	29/3/15	4/4/15	5/4/15
1	Swapnil Maruti Sathe	Sathe	Sathe	Sathe	Sathe	Sathe	Sathe	Sathe	Sathe	Sathe	Sathe
2	Sunil Dhananjay Rathod	Rathod	Rathod	Rathod	Rathod	Rathod	Rathod	Rathod	Rathod	Rathod	Rathod
3	Swapnil Bhimrao Khute	SBK	SBK	SBK	SBK	SBK	SBK	SBK	SBK	SBK	SBK
4	Shinde Ajinath N.	AJ		AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ
5	Vinod Anil Ranaware	Ranaw	Ranaw	Ranaw	Ranaw	Ranaw	Ranaw		Ranaw	Ranaw	Ranaw
6	Mhaske Sagar	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar
7	Jagtap Dhiraj R.	DJ	DJ	DJ	DJ	DJ	DJ	DJ	DJ		DJ
8	Mayur Ashok More	Mayum	Mayum	Mayum	Mayum	Mayum	Mayum	Mayum	Mayum	Mayum	Mayum
9	Swati Sham Bhokare	SwatiB	SwatiB	SwatiB	SwatiB	SwatiB	SwatiB	SwatiB	SwatiB	SwatiB	SwatiB
10	Jitendra Mahadeo Bhise	Bhi	Bhi	Bhi	Bhi	Bhi	Bhi	Bhi	Bhi	Bhi	Bhi
11	Akshay Rajaram Shinde	ARS	ARS	ARS	ARS	ARS	ARS	ARS	ARS	ARS	ARS
12	Pranita Prakash Bandal	Bandal	Bandal		Bandal	Bandal	Bandal	Bandal	Bandal	Bandal	Bandal
13	Shivam Kumar Pal	SPal	SPal	SPal	SPal	SPal	SPal	SPal	SPal	SPal	SPal
14	Vaibhav Santosh Jamdar	VJamdar	VJamdar	VJamdar	VJamdar	VJamdar	VJamdar	VJamdar	VJamdar	VJamdar	VJamdar
15	Nikhil Pandharinath Gaikwad	Gaikwad	Gaikwad		Gaikwad	Gaikwad	Gaikwad	Gaikwad	Gaikwad	Gaikwad	Gaikwad



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

"Auto CAD 2D Course"

Student Attendance Sheet

Sr. No.	Name of students	11/4/15	12/4/15	18/4/15	19/4/15	25/4/15	26/4/15				
1	Swapnil Maruti Sathe	Sathe	Sathe	Sathe	Sathe	Sathe	Sathe				
2	Sunil Dhananjay Rathod	Rathod	Rathod	Rathod	Rathod	Rathod	Rathod				
3	Swapnil Bhimrao Khute	SK		SK	SK	SK	SK				
4	Shinde Ajinath N.	AJ		AJ	AJ	AJ	AJ				
5	Vinod Anil Ranaware	Ranaw	Ranaw	Ranaw	Ranaw	Ranaw	Ranaw				
6	Mhaske Sagar	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar				
7	Jagtap Dhiraj R.	DJ		DJ	DJ	DJ	DJ				
8	Mayur Ashok More	Mayur	Mayur	Mayur	Mayur	Mayur	Mayur				
9	Swati Sham Bhokare	SwatiB	SwatiB	SwatiB	SwatiB	SwatiB	SwatiB				
10	Jitendra Mahadeo Bhise	Bhi	Bhi	Bhi	Bhi	Bhi	Bhi				
11	Akshay Rajaram Shinde	ARS	ARS	ARS	ARS	ARS	ARS				
12	Pranita Prakash Bandal	Bandal		Bandal	Bandal	Bandal	Bandal				
13	Shivam Kumar Pal	Pal	Pal	Pal		Pal	Pal				
14	Vaibhav Santosh Jamdar	VJamdar	VJamdar		VJamdar	VJamdar	VJamdar				
15	Nikhil Pandharinath Gaikwad	Gaikwad	Gaikwad	Gaikwad	Gaikwad	Gaikwad					





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



Ref. No. RD/SCSCOE/CIVIL DEPT/2014-15/

Date: 24/04/2015

## CONDUCTION

To,

Mr. Kaustubh Panase

CADD Centre,

Bibvevadi, Pune

Subject: Expression of gratitude

Dear Sir,

On behalf of Institute, It gives me an immense pleasure to thank you for sparing your valuable time with us and sharing your experiences. We express our immense gratitude for having you at our college to conduct a fabulous session on "Auto CAD 2D" dated on March 2015 to April 2015. It was our pleasure for having a person like you at our institute. We take this opportunity to tell you this with pride that our student thoroughly enjoyed your entire session. We would like to know if you ever need our support.

We look forward for your expertise in future educational endeavors

Thanking you.

Received  
Panase  
24/4/15



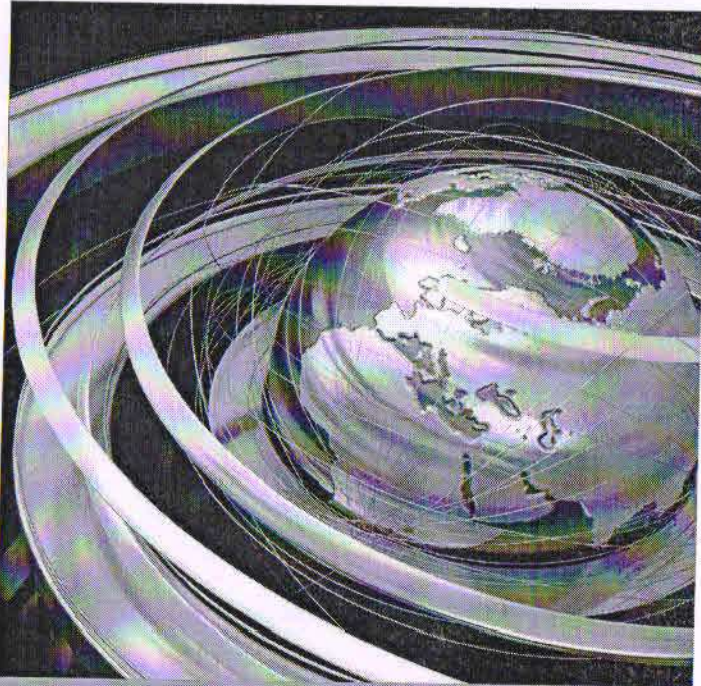
Yours Sincerely,

Prof. G. S. Jadhav

Head of Department  
H.O.D. of Civil Engg.  
Dept. of Civil Engineering

Shri Chh. Shivajiraje College of Engg.  
Dhangawadi, Pune-412206





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Toll Free No: 1800 425 0405 | [www.caddcentre.com](http://www.caddcentre.com)

# CERTIFICATE OF COMPLETION

IN : Course on AutoCAD 2D

AWARDED TO : RATHOD SUNIL DHANANJAY

AT : CADD Centre Training Services, Pune, Bibvewadi

DURING : April'2015 STUDENT ID No. : A150357115

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MANAGING DIRECTOR

Kaustubh Panse

CENTRE HEAD

29 - 04 - 2016

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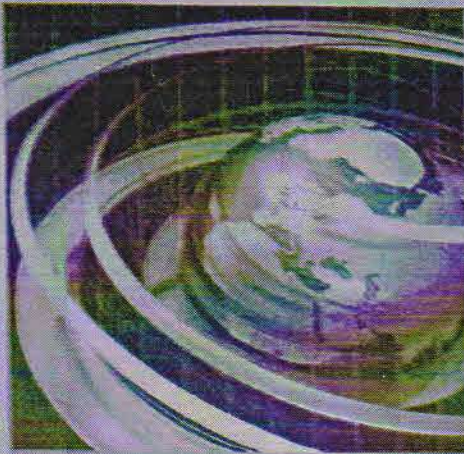
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## CERTIFICATE OF COMPLETION

IN : Course of AutoCAD 3D  
AWARDED TO : SATHE SWAPNIL MARUTI  
AT : CADD Centre Training Services, Pune, Bbwevad  
DURING : April 2015 STUDENT ID NO. A150344479

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Kausubh Parise  
CENTRE HEAD

05/05/2015  
05/05/2015



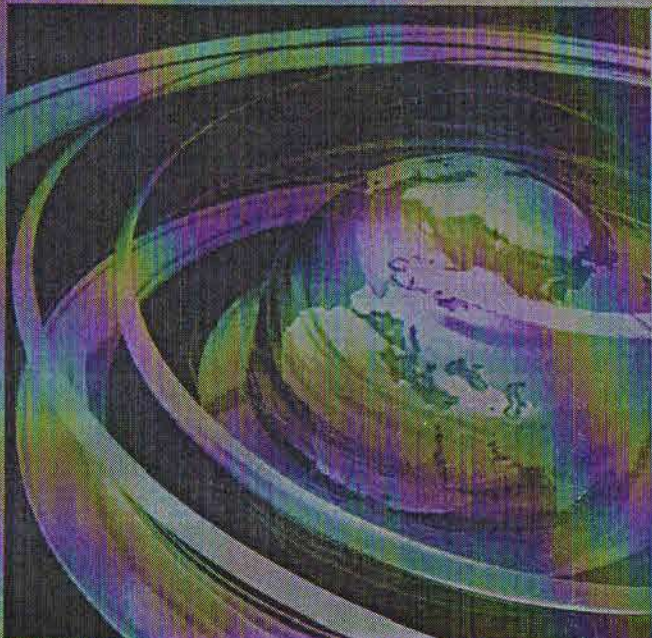
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45/1, Sri. Radhakrishnan Salai, Mylapore, Chennai-600 061, India.  
Toll Free No. 1800 425 0405 | www.caddcentre.com

# CERTIFICATE OF COMPLETION

IN : Course on AutoCAD 2D

AWARDED TO : Khute Swapnil Bhimrao

AT : CADD Centre Training Services, Pune, Bibwewadi

DURING : September 2016 STUDENT ID No. : A150466046

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Kaustubh Panse

11 - 08 - 2017

MANAGING DIRECTOR

CENTRE HEAD

DATE OF ISSUE



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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)

“Auto CAD 2D Course”.

### Student Feedback Form

Students are required to rate the course on the following attributes using the 4 -point scale shown.

Course: [tick (✓) in the relevant cell]

Parameters	A Very Good	B Good	C Satisfactory	D Unsatisfactory
1. Overall rating of the course content	✓			
2. Course objectives were clear		✓		
3. Clarity and relevance of textual reading material			✓	
4. The teacher was effective in communicating the content of the course	✓			
5. The teacher responded to questions in an informative, appropriate and satisfactory manner.		✓		
6. Do you have any suggestions for future workshops that you would like us to organize?	yes			
7. Would you recommend this course to other students?	yes			
Any Other Comments-	session was awesome it should be included as value added course for us.			



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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3. Clarity and relevance of textual reading material		✓		
4. The teacher was effective in communicating the content of the course	✓			
5. The teacher responded to questions in an informative, appropriate and satisfactory manner.		✓		
6. Do you have any suggestions for future workshops that you would like us to organize?	Yes			
7. Would you recommend this course to other students?	Yes			
Any Other Comments-	Session is helpful for us			





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

**DEPT. ELECTRONICS AND TELECOMMUNICATION ENGG.**


DATE: 28/07/2014

**NOTICE**

All TE and BE E&TC students are hereby informed that, workshop on “PIC, ARM and RTOS”. will be on 30/07/2014 to 04/08/2014 at 11.00am in Seminar Hall.

**Note: Attendance is compulsory\*.**

  
Prof. M. S. Sapte  
COORDINATOR

  
Prof. T. M. Dudhane  
HOD

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



# 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: 23/07/2014

## INVITATION LETTER

To,  
Mr. Aniket Mullur  
Honeywell India Pvt Ltd  
Pune

**Subject:** Invitation for conducting Workshop on "PIC, ARM and RTOS".

Respected Sir,

On behalf of RD's SCSCOE, I am very pleased to have the honor of inviting you to conduct workshop on "PIC, ARM and RTOS".

We will arrange the Workshop as per your convenience. We are expecting approximately 90 students from Our Institute.

Please let us know your availability and your requirements for workshop like tools, any audio-visual equipment or additional technical support. I look forward to meeting you at our Campus.

Best wishes.

Prof. M. S. Sapte  
Workshop Coordinator



Prof. T. M. Dudhane  
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)

**DEPT. OF ELECTRONICS AND TELECOMMUNICATION ENGG.**

Date: 30/07/2014

**First Day of Workshop on “PIC ARM and RTOS”**

Date:30/07/2014

Sr.No.	Time	Contents
1	9.30 am to 10.00am	<ul style="list-style-type: none"><li>• Introduction Ceremony</li></ul>
2	10.00am to 12.00pm	<ul style="list-style-type: none"><li>• Brief on PIC microcontroller</li></ul>
3	12.00am to 12.45pm	<b>LUNCH</b>
4	12.45am TO 2.4pm	<ul style="list-style-type: none"><li>• Architecture of PIC</li></ul>
5	2.45pm to 3.00pm	<b>TEA BREAK</b>
6	3.00pm to 5.00pm	<ul style="list-style-type: none"><li>• Software Development</li></ul>

**Second Day of Workshop on “PIC ARM and RTOS”**

Date:31/07/2014

Sr.No.	Time	Contents
1	10.00am to 12.00pm	<ul style="list-style-type: none"><li>• Introduce the outline architecture of ARM7 microcontroller</li></ul>
2	12.00am to 12.45pm	<b>LUNCH</b>
3	12.45am TO 2.4pm	<ul style="list-style-type: none"><li>• Accessing User Onchip Peripherals</li></ul>
4	2.45pm to 3.00pm	<b>TEA BREAK</b>
5	3.00pm to 5.00pm	<ul style="list-style-type: none"><li>• Software Development</li></ul>

**Third Day Workshop on “PIC ARM and RTOS”**

Date:01/08/2014

Sr.No.	Time	Contents
2	10.00am to 12.00pm	<ul style="list-style-type: none"><li>• Introduction to Operating Systems and Real time Operating Systems</li><li>• Fundamentals of operating system</li><li>• Process Management</li></ul>
3	12.00am to 12.45pm	<b>LUNCH</b>
4	12.45am TO 2.4pm	<ul style="list-style-type: none"><li>• Thread Management</li><li>• Memory Management</li></ul>

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		<ul style="list-style-type: none"><li>• Kernel Architecture</li></ul>
5	2.45pm to 3.00pm	<b>TEA BREAK</b>
6	3.00pm to 5.00pm	<ul style="list-style-type: none"><li>• Kernel Architecture</li><li>• Task /Process control subsystems</li><li>• Task Scheduling in Embedded System</li></ul>

**Fourth Day Workshop on “PIC ARM and RTOS”**

**Date:02/08/2014**

Sr.No.	Time	Contents
2	10.00am to 12.00pm	<ul style="list-style-type: none"><li>• Embedded/FREE-RTOS/Real-Time Operating Systems Concepts</li><li>• RTOS and Its features</li><li>• RTOS Features</li></ul>
3	12.00am to 12.45pm	<b>LUNCH</b>
4	12.45am TO 2.4pm	<ul style="list-style-type: none"><li>• RTOS Architecture of Kernel</li><li>• Different types of RTOS and Popular RTOS</li><li>• Tasks and task Schedule</li></ul>
5	2.45pm to 3.00pm	<b>TEA BREAK</b>
6	3.00pm to 5.00pm	<ul style="list-style-type: none"><li>• Software Development</li></ul>

**Fifth Day Workshop on “PIC ARM and RTOS”**

**Date:04/08/2014**

Sr.No.	Time	Contents
2	10.00am to 12.00pm	<ul style="list-style-type: none"><li>• Training on PIC</li><li>• LED interfacing with PIC</li><li>• Keyboard interfacing with PIC</li></ul>
3	12.00am to 12.45pm	<b>LUNCH</b>
4	12.45am TO 2.4pm	<ul style="list-style-type: none"><li>• Training on ARM</li><li>• LCD interfacing with ARM</li><li>• Seven Segment Display interfacing with ARM</li></ul>
5	2.45pm to 3.00pm	<b>TEA BREAK</b>
6	3.00pm to 5.00pm	<ul style="list-style-type: none"><li>• Question Answer</li><li>• Feedback</li></ul>

Workshop Coordinator





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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**WORKSHOP REPORT**

**DEPARTMENT:** E&TC

**CLASS:** TE & BE

**NAME OF GUEST:** Mr. Aniket Mullur

**FROM:** Honeywell India Pvt Ltd

**TITLE/TOPIC:** "PIC, ARM and RTOS".

**DATE:** 30<sup>th</sup> July 2014 – 04<sup>th</sup> Aug 2014

**DURATION OF SESSION:** 5 days

**STUDENT/ STAFF PRESENT:** 90/9

**OBJECTIVE:** The main objective is to learn the basics of low-cost and power efficient PIC, ARM 7 microcontroller. Introduce the outline architecture of PIC18FSS and ARM7 microcontroller including basics of pipelines, registers, exception modes, etc. Also how to set up and customize a microcontroller development environment and how to write programs that interact with other devices. Also to provide an introduction to the theory, structure and practice of real-time operating systems

**DESCRIPTION:** The PIC was designed to improve the performance of I/O operations from a computer's peripheral devices. It works as a standard microcontroller that has small processors, memory, registers and storage. Typically, a PIC enhances I/O operations from a peripheral devices by separating I/O-based programs and data from the core central processing unit (CPU).

A PIC has a built-in data memory, data bus and dedicated microprocessor for processing all I/O functions and processes. It consists of temporary and permanent storage mechanisms, in the form of random access memory (RAM) and erasable programmable read-only memory (EPROM), where RAM stores data/processes that are used and EPROM stores created values. It also may contain a flash memory, which is used to perform multiple instances of READ, WRITE and ERASE functions.

The Advanced RISC Machine has several microcontroller families among which ARM7 are the longest serving ARM processors. The ARM7 CPU core based microcontroller is the most popular 32-bit embedded processor which features a small microcontroller with low power consumption. We introduce students with the Philips' LPC2000 ARM7 based microcontroller, the first standard microcontroller to integrate ARM7 and Philips' new memory acceleration module. ARM architecture is used to almost every embedded application ranging from automotive communications protocol to medical devices and security systems.





Rajgad Dnyanpeeth's

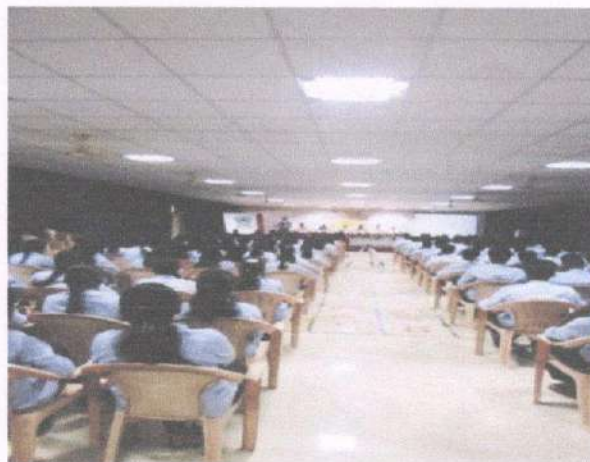
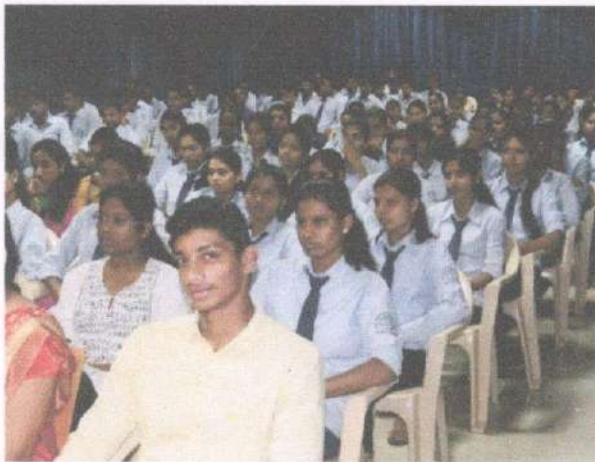
## SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

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

A real-time operating system (RTOS) is an operating system that guarantees a certain capability within a specified time constraint. For example, an operating system might be designed to ensure that a certain object was available for a robot on an assembly line. In what is usually called a "hard" real-time operating system, if the calculation could not be performed for making the object available at the designated time, the operating system would terminate with a failure. In a "soft" real-time operating system, the assembly line would continue to function but the production output might be lower as objects failed to appear at their designated time, causing the robot to be temporarily unproductive. Some real-time operating systems are created for a special application and others are more general purpose

**CONCLUSION:** After workshop students are able to implement hardware of the PIC and ARM7 microcontrollers, understand integrated peripherals based on I/O functions, examples of internal peripheral software drivers. They are able to know concept of pipelines, registers and exception modes, instruction set. Also students understand the concept and application of RTOS. Students are also able to understand software development flow and working with projects.

### PHOTOS DURING SESSION



Students during Workshop

Prof. M. S. Sapte

Workshop Coordinator

Prof. T. M. Dudhane

HOD

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





# 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: 04/08/2014

## APPRECIATION LETTER

To,  
Mr. Aniket Mullur

Honeywell India Pvt Ltd

Pune

Respected Sir,


On behalf of the RD's Shri Chhatrapati Shivajiraje College Of Engineering, we wanted to express our appreciation to you for the Workshop on "PIC, ARM and RTOS". It was extremely informative, and participation illustrated the importance of this topic.

Honeywell India Pvt Ltd is an excellent firm , and we appreciate your personally taking time to provide us with the timely information.

Once again, thank you for making the workshop successful, and we appreciate your continued support.

Sincerely,

  
Prof. M. S. Sapte  
Workshop Coordinator

  
Prof. T. M. Dudhane  
HOD

*Mullur A.  
2.8.14*



**Rajgad Dnyanpeeth's**  
**SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING**

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

**Workshop on "PIC, ARM and RTOS"**

**Student Feedback Form**

Students are required to rate the course on the following attributes using the 4 -point scale shown.

Course: [tick (✓) in the relevant cell]

Parameters	A Very Good	B Good	C Satisfactory	D Unsatisfactory
1. Overall rating of the course content	✓			
2. Course objectives were clear		✓		
3. Clarity and relevance of textual reading material		✓		
4. The teacher was effective in communicating the content of the course	✓			
5. The teacher responded to questions in an informative, appropriate and satisfactory manner.	✓			
6. Do you have any suggestions for future workshops that you would like us to organize?				
7. Would you recommend this course to other students?				
<b>Any Other Comments-</b>				



## Workshop on "PIC ARM and RTOS "

### Feedback Form Analysis

Students are required to rate the course on the following attributes using the 4 -point scale shown.

Course: [tick (✓) in the relevant cell]

Parameters	A Very Good	B Good	C Satisfactory	D Unsatisfactory
1. Overall rating of the course content	52.13%	20.60%	27.27%	
2. Course objectives were clear	50.00%	36.00%	14.00%	
3. Clarity and relevance of textual reading material	65%	15.78%	19.22%	
4. The teacher was effective in communicating the content of the course	38.12%	37.16%	24.72%	
5. The teacher responded to questions in an informative, appropriate and satisfactory manner.	72.00%	16%	11.89%	
TOTAL	55.45%	25.13%	19.42%	

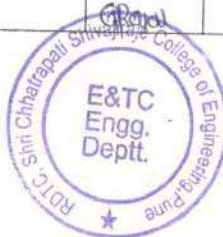




Rajgad Dnyanpeeth's  
**SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING**  
 Department of Electronics & Telecommunication  
 Academic Year(2014-15)

Subject : Workshop on PIC ARM RTOS      Class : TE

Sr.No.	Roll No.	Name of the Student	Sign				
			30-7-14	31-7-14	1-8-14	2-8-14	4-8-14
1	3301	AMARALE MAHESH ASHOK	<del>Amarale</del>	<del>Amarale</del>	<del>Amarale</del>	<del>Amarale</del>	<del>Amarale</del>
2	3302	ANANTPURI BHAGYASHREE A	<del>Anantpuri</del>	<del>Anantpuri</del>	<del>Anantpuri</del>	<del>Anantpuri</del>	<del>Anantpuri</del>
3	3303	BHILARE BHAGYASHREE ANIL	AB	AB	AB	AB	AB
4	3304	BHOSALE ROHIT VITTHAL	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale
5	3305	CHORAT KOMAL VITTHAL	<del>Chorath</del>	<del>Chorath</del>	<del>Chorath</del>	<del>Chorath</del>	<del>Chorath</del>
6	3306	CHORMALE DATTATRAYA D	<del>Chormale</del>	<del>Chormale</del>	AA	<del>Chormale</del>	<del>Chormale</del>
7	3307	DHAMAL SANJIVANI	<del>Dhamal</del>	<del>Dhamal</del>	<del>Dhamal</del>	<del>Dhamal</del>	<del>Dhamal</del>
8	3308	DUDHANE AKSHAY ASHOK	<del>Dudhane</del>	<del>Dudhane</del>	<del>Dudhane</del>	<del>Dudhane</del>	<del>Dudhane</del>
9	3309	GAIKWAD MILIND HANUMANT	<del>Mugaike</del>	<del>Mugaike</del>	<del>Mugaike</del>	<del>Mugaike</del>	<del>Mugaike</del>
10	3310	GAWADE NIKHIL SANJAY	AB	AB	AB	AB	AB
11	3311	HOLKAR AJAY SAHEBRAO	<del>Holkar</del>	<del>Holkar</del>	<del>Holkar</del>	<del>Holkar</del>	<del>Holkar</del>
12	3312	JEDHE AKSHAY SUBHASH	<del>Jedhe</del>	<del>Jedhe</del>	<del>Jedhe</del>	<del>Jedhe</del>	<del>Jedhe</del>
13	3313	KALASKAR JYOTI RAMESH	<del>J.Kalaskar</del>	<del>J.Kalaskar</del>	<del>J.Kalaskar</del>	<del>J.Kalaskar</del>	<del>J.Kalaskar</del>
14	3314	KANK BHARAT RAGHU	<del>Kank</del>	<del>Kank</del>	<del>Kank</del>	<del>Kank</del>	<del>Kank</del>
15	3315	KARADE MACHHINDRA BARIKRAO	AB	AB	AB	AB	AB
16	3316	KAWARE SANKET SHANKAR	AB	<del>Kaware</del>	<del>Kaware</del>	<del>Kaware</del>	<del>Kaware</del>
17	3317	KHAIRMODE NEHA NARAYAN	<del>Neha</del>	<del>Neha</del>	<del>Neha</del>	<del>Neha</del>	<del>Neha</del>
18	3318	KHUTWAD SWAPNIL ANANTA	<del>Khutwad</del>	<del>Khutwad</del>	<del>Khutwad</del>	<del>Khutwad</del>	<del>Khutwad</del>
19	3319	KONDHALKAR MOHAN ANANDA	<del>Mohan</del>	<del>Mohan</del>	<del>Mohan</del>	<del>Mohan</del>	<del>Mohan</del>
20	3320	KSHIRSAGAR DHANASHRI B	AB	AB	AB	AB	AB
21	3321	LEKAVALE HIMANI SOPAN	<del>Lekavale</del>	<del>Lekavale</del>	<del>Lekavale</del>	<del>Lekavale</del>	<del>Lekavale</del>
22	3322	MAHAMUNI SANKIRTA PRAMOD	<del>Mahamuni</del>	<del>Mahamuni</del>	<del>Mahamuni</del>	<del>Mahamuni</del>	<del>Mahamuni</del>
23	3323	MAHANGARE POONAM GANESH	<del>P.G.M</del>	<del>P.G.M</del>	<del>P.G.M</del>	<del>P.G.M</del>	<del>P.G.M</del>
24	3324	MANER MOHAMMADASIF USMAN	<del>Maner</del>	<del>Maner</del>	<del>Maner</del>	<del>Maner</del>	<del>Maner</del>
25	3325	MOMIN ILIYAS HARUN	AB	AB	AB	AB	AB
26	3326	MULANI TAUSIF NISAR	<del>Mulani</del>	<del>Mulani</del>	<del>Mulani</del>	<del>Mulani</del>	<del>Mulani</del>
27	3327	NAIK ANUJA CHARUCHANDRA	<del>Mulani</del>	<del>Mulani</del>	<del>Mulani</del>	<del>Mulani</del>	<del>Mulani</del>
28	3328	NANGADE PRADIP NIVRUTTI	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
29	3329	NIMBALKAR BHGYASHREE DASHRATH	AB	AB	AB	AB	AB
30	3330	PATIL BHUSHAN PRASHANT	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
31	3331	PATIL SHITAL NANDKUMAR	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
32	3332	PAVAL RAVSAHEB VIKRAM	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
33	3333	PAWAR SNEHAL ROHIDAS	AB	AB	AB	AB	AB
34	3334	PHADATARE NILESH NARAYAN	<del>Nilesh</del>	<del>Nilesh</del>	<del>Nilesh</del>	<del>Nilesh</del>	<del>Nilesh</del>
35	3335	RASAL GOVIND ASHROBA	<del>Graval</del>	<del>Graval</del>	<del>Graval</del>	<del>Graval</del>	<del>Graval</del>





36	3336	SALUNKE PRADNYA DASHARATH	Salunke	Salunke	Salunke	Salunke	Salunke
37	3337	SARAK UJVALA YASHVANT	AB	AB	AB	AB	AB
38	3338	SASTE MAHESH DATTATRAY	Saste	Saste	Saste	Saste	Saste
39	3339	SASTE TUSHAR GANPAT	Saste	Saste	Saste	Saste	Saste
40	3340	SHEDGE VIVEK SHANKAR	VivekS	VivekS	VivekS	VivekS	VivekS
41	3341	SHETE GANESH BALKRUSHNA	AB	AB	AB	AB	AB
42	3342	SHIKALGAR JAVED MUBARAK	Shikalgar	Shikalgar	Shikalgar	Shikalgar	Shikalgar
43	3343	SHINDE AKSHAY RAJENDRA	ShindeA	AB	ShindeA	ShindeA	ShindeA
44	3344	SHINDE ARJUN BALASO	ABShinde	ABShinde	ABShinde	ABShinde	ABShinde
45	3345	SHINDE PALLAVI MARUTI	AB	AB	AB	AB	AB
46	3346	SURYAWANSHI SNEHAL ZUMBER	Snehal	Snehal	Snehal	Snehal	Snehal
47	3347	SUTAR PALLAVI MOHAN	P.Sutar	P.Sutar	P.Sutar	P.Sutar	P.Sutar
48	3348	TANPURE GANESH DILIP	GTanpure	GTanpure	GTanpure	GTanpure	GTanpure
49	3349	TAPARE PRANALI LAXMAN	AB	AB	AB	AB	AB
50	3350	THOPATE BHAGYASHRI SUBHASH	Thopate	Thopate	Thopate	Thopate	Thopate
51	3351	THORAT ANURADHA SUKHDEV	Thorat	Thorat	Thorat	Thorat	Thorat
52	3352	UKIRDE SHRIKANT VASHISHTHA	Shri	Shri	Shri	AB	Shri
53	3353	VARUDE AMRUT SURESH	AB	AB	AB	AB	AB
54	3354	WAGHMODE VIKRAM JAGANNATH	Vikram	Vikram	Vikram	Vikram	Vikram
55	3355	WALHEKAR SUPRIYA SURESH	Supriya	Supriya	Supriya	Supriya	Supriya
56	3356	YEWALE POONAM BHARAT	Poonam	Poonam	Poonam	Poonam	Poonam

Coordinator





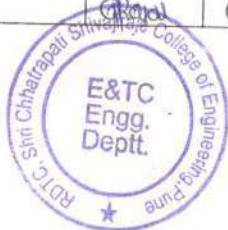
**HOD**  
 E & TC Engineering Dept.  
 Shri Chhatrapati Shivaji Raju  
 College Of Engineering, Dhangawadi,  
 Tal-Bhor, Dist-Pune, Pin-412206



Rajgad Dnyanpeeth's  
Rajgad Dnyanpeeth Technical Campus  
**SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING**  
Department of Electronics & Telecommunication  
Academic Year(2014-15)

Subject : Workshop on PIC ARM RTOS Class : TE

Sr.No.	Roll No.	Name of the Student	Sign				
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7	3307	DHAMAL SANJIVANI	<del>Dhamal</del>	<del>Dhamal</del>	<del>Dhamal</del>	<del>Dhamal</del>	<del>Dhamal</del>
8	3308	DUDHANE AKSHAY ASHOK	<del>Dudhane</del>	<del>Dudhane</del>	<del>Dudhane</del>	<del>Dudhane</del>	<del>Dudhane</del>
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10	3310	GAWADE NIKHIL SANJAY	AB	AB	AB	AB	AB
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15	3315	KARADE MACHHINDRA BARIKRAO	AB	AB	AB	AB	AB
16	3316	KAWARE SANKET SHANKAR	AB	<del>Kaware</del>	<del>Kaware</del>	<del>Kaware</del>	<del>Kaware</del>
17	3317	KHAIRMODE NEHA NARAYAN	<del>Neha</del>	<del>Neha</del>	<del>Neha</del>	<del>Neha</del>	<del>Neha</del>
18	3318	KHUTWAD SWAPNIL ANANTA	<del>Khutwad</del>	<del>Khutwad</del>	<del>Khutwad</del>	<del>Khutwad</del>	<del>Khutwad</del>
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20	3320	KSHIRSAGAR DHANASHRI B	AB	AB	AB	AB	AB
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22	3322	MAHAMUNI SANKIRTA PRAMOD	<del>Shankar</del>	<del>Shankar</del>	<del>Shankar</del>	<del>Shankar</del>	<del>Shankar</del>
23	3323	MAHANGARE POONAM GANESH	<del>P.G.M</del>	<del>P.G.M</del>	<del>P.G.M</del>	<del>P.G.M</del>	<del>P.G.M</del>
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27	3327	NAIK ANUJA CHARUCHANDRA	<del>Mulani</del>	<del>Mulani</del>	<del>Mulani</del>	<del>Mulani</del>	<del>Mulani</del>
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29	3329	NIMBALKAR BHGYASHREE DASHRATH	AB	AB	AB	AB	AB
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31	3331	PATIL SHITAL NANDKUMAR	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
32	3332	PAVAL RAVSAHEB VIKRAM	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
33	3333	PAWAR SNEHAL ROHIDAS	AB	AB	AB	AB	AB
34	3334	PHADATARE NILESH NARAYAN	<del>Nilesh</del>	<del>Nilesh</del>	<del>Nilesh</del>	<del>Nilesh</del>	<del>Nilesh</del>
35	3335	RASAL GOVIND ASHROBA	<del>Grasal</del>	<del>Grasal</del>	<del>Grasal</del>	<del>Grasal</del>	<del>Grasal</del>





36	3336	SALUNKE PRADNYA DASHARATH	Salunke	Salunke	Salunke	Salunke	Salunke
37	3337	SARAK UJVALA YASHVANT	AB	AB	AB	AB	AB
38	3338	SASTE MAHESH DATTATRAY	Saste	Saste	Saste	Saste	Saste
39	3339	SASTE TUSHAR GANPAT	Saste	Saste	Saste	Saste	Saste
40	3340	SHEDGE VIVEK SHANKAR	VivekS	VivekS	VivekS	VivekS	VivekS
41	3341	SHETE GANESH BALKRUSHNA	AB	AB	AB	AB	AB
42	3342	SHIKALGAR JAVED MUBARAK	Shikalgar	Shikalgar	Shikalgar	Shikalgar	Shikalgar
43	3343	SHINDE AKSHAY RAJENDRA	ShindeA	AB	ShindeA	ShindeA	ShindeA
44	3344	SHINDE ARJUN BALASO	ABShinde	ABShinde	ABShinde	ABShinde	ABShinde
45	3345	SHINDE PALLAVI MARUTI	AB	AB	AB	AB	AB
46	3346	SURYAWANSHI SNEHAL ZUMBER	Snehal	Snehal	Snehal	Snehal	Snehal
47	3347	SUTAR PALLAVI MOHAN	P.Sutar	P.Sutar	P.Sutar	P.Sutar	P.Sutar
48	3348	TANPURE GANESH DILIP	GTanpure	GTanpure	GTanpure	GTanpure	GTanpure
49	3349	TAPARE PRANALI LAXMAN	AB	AB	AB	AB	AB
50	3350	THOPATE BHAGYASHRI SUBHASH	Thopate	Thopate	Thopate	Thopate	Thopate
51	3351	THORAT ANURADHA SUKHDEV	Thorat	Thorat	Thorat	Thorat	Thorat
52	3352	UKIRDE SHRIKANT VASHISHTHA	Shri	Shri	Shri	AB	Shri
53	3353	VARUDE AMRUT SURESH	AB	AB	AB	AB	AB
54	3354	WAGHMODE VIKRAM JAGANNATH	Vikram	Vikram	Vikram	Vikram	Vikram
55	3355	WALHEKAR SUPRIYA SURESH	Supriya	Supriya	Supriya	Supriya	Supriya
56	3356	YEWALE POONAM BHARAT	Poonam	Poonam	Poonam	Poonam	Poonam

Coordinator





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**SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING**  
 Department of Electronics & Telecommunication  
 Academic Year(2014-15)  
 Class : BE

Subject: Workshop on PIC ARM RTO'S

Sr.No.	Roll No.	Name of the Student	30-7-14	31-7-14	1-8-14	2-8-14	4-8-14
1	4301	AGAWANE MANOJ SHRIMANT	Manoj	Manoj	Manoj	Manoj	Manoj
2	4302	BHILARE AKSHAY RAVINDRA	Abhilare	Abhilare	Abhilare	Abhilare	Abhilare
3	4303	BHOSALE SWAPNIL TANAJI	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale
4	4304	DAHAKA VAISHNAVI SUNJJOY	Da	Da	Da	Da	Da
5	4305	DEWOOLKAR ONKAR ANKUSH	Onkar	Onkar	Onkar	Onkar	Onkar
6	4306	DHAGE VIKRAM SANJAY	P. Dhage	P. Dhage	P. Dhage	P. Dhage	P. Dhage
7	4307	DHAWALE RATNAKAR ASHOK	Ratna	Ratna	Ratna	Ratna	Ratna
8	4308	DHOBE AKSHAY PRATAP	DHobe	DHobe	DHobe	DHobe	DHobe
9	4309	DHONDE SIDDHESH VIJAY	K. Dhonde	K. Dhonde	K. Dhonde	K. Dhonde	K. Dhonde
10	4310	DUDHANE AMRUTA S.	Amruta	Amruta	Amruta	Amruta	Amruta
11	4311	GHATKAR RUSHIKESH ATMARAM	Rushikesh	Rushikesh	Rushikesh	Rushikesh	Rushikesh
12	4312	GOSAVI MOHAN DAYALGIR	M. Gosavi	M. Gosavi	M. Gosavi	M. Gosavi	M. Gosavi
13	4313	INAMAKE PRATIK RAJENDRA	Pratik	Pratik	Pratik	Pratik	Pratik
14	4314	INAMKE HEMANT DATTATRAY	AB	AB	AB	AB	AB
15	4315	JADHAV NAMRATA JAGANNATH	Namrata	Namrata	Namrata	Namrata	Namrata
16	4316	JADHAV SURAJ SUBHASH	S. S. Jadhav	S. S. Jadhav	S. S. Jadhav	S. S. Jadhav	S. S. Jadhav
17	4317	JADHAV SURAJ SUGRIV	Suraj	Suraj	Suraj	Suraj	Suraj
18	4318	JAGTAP NILESH TUKARAM	Nilesh	Nilesh	Nilesh	Nilesh	Nilesh
19	4319	JAGTAP PUSHKAR RAJENDRA	Pushkar	Pushkar	Pushkar	Pushkar	Pushkar
20	4320	JAGTAP SONAL DILIP	AB	AB	AB	AB	AB
21	4321	JAGTAP VISHAKHA ASHOK	AB	AB	AB	AB	AB
22	4322	JIWADE RAHUL VISHNU	R. V. J	R. V. J	R. V. J	R. V. J	R. V. J
23	4323	JOSHI VARUN CHANDRASHEKHAR	Varun	Varun	Varun	Varun	Varun
24	4324	KATKADE SANTOSH KARBHARI	Santosh	Santosh	Santosh	Santosh	Santosh
25	4325	KENDRE KAUSHLAYA NARAYAN	Kausalya	Kausalya	Kausalya	Kausalya	Kausalya
26	4326	KHADALKAR SAGAR MOHAN	S. Khadalkar	S. Khadalkar	S. Khadalkar	S. Khadalkar	S. Khadalkar
27	4327	KHATAVKAR HRISHIKESH MUKUND	AB	AB	AB	AB	AB
28	4328	KINGE ASHISH CHANDRAKANT	Ashish	Ashish	Ashish	Ashish	Ashish
29	4329	KONDHEKAR SHAMBHORAJE R.	Shambhakar	Shambhakar	Shambhakar	Shambhakar	Shambhakar
30	4330	KUDALE GANESH SHANKAR	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh
31	4331	MANDHARE PRIYANKA BHIKAJI	P. Mandhare	P. Mandhare	P. Mandhare	P. Mandhare	P. Mandhare
32	4332	MANE VIKRAM GOPINATH	AB	AB	AB	AB	AB
33	4333	MANKE SUDARSHAN NAVNATH	Manke	Manke	Manke	Manke	Manke
34	4334	MHATRE PRAJAKTA BALU	P. Mhatre	P. Mhatre	P. Mhatre	P. Mhatre	P. Mhatre
35	4335	MISTRY AMIT NARESH	Amit	Amit	Amit	Amit	Amit





36	4336	NADIGATLA BHASKAR VITHOBA	Bhaskar	Bhaskar	Bhaskar	Bhaskar	Bhaskar
37	4337	NALE KOMAL DILIP	AB	AB	AB	AB	AB
38	4338	NEHETE ANUP GOPAL	Ashete	Ashete	Ashete	Ashete	Ashete
39	4339	NIKAM SHWETA SARJERAO	NikamS	NikamS	NikamS	NikamS	NikamS
40	4340	NIKUM DEEPAK DAGA	AB	AB	AB	AB	AB
41	4341	PALIWAL PRIYANKA VIJAY	Paliwal	Paliwal	Paliwal	Paliwal	Paliwal
42	4342	PATHADE PRIYANKA RAMDAS	Pathade	Pathade	Pathade	Pathade	Pathade
43	4343	PATIL JYOTI JAYASING	Patil	Patil	Patil	Patil	Patil
44	4344	PATIL URAJ RANGRAO	Patil	Patil	Patil	Patil	Patil
45	4345	PATIL VIBHAVAREE NANDKUMAR	AB	AB	AB	AB	AB
46	4346	PAWAR SURYKANT BHUSAHEB	Pawar	Pawar	Pawar	Pawar	Pawar
47	4347	PEDNEKAR YOGESH ASHOK	Pednekar	Pednekar	Pednekar	Pednekar	Pednekar
48	4348	RAUT DEEPAK SHIVAJI	Raut	Raut	Raut	Raut	Raut
49	4349	SAPKAL PANKAJ BALASAHEB	Sapkal	Sapkal	Sapkal	Sapkal	Sapkal
50	4350	SAWANT AJINKYA DNYANESHWAR	Sawant	Sawant	Sawant	Sawant	Sawant
51	4351	SHENDGE BALASAHEB NAVNATH	Shendge	Shendge	Shendge	Shendge	Shendge
52	4352	SHINDE AKSHAY SHRIRANG	Shinde	Shinde	Shinde	Shinde	Shinde
53	4353	SHINDE AMAR ANKUSH	Shinde	Shinde	Shinde	Shinde	Shinde
54	4354	SHINDE SAGAR SURESH	Shinde	Shinde	Shinde	Shinde	Shinde
55	4355	TAMBE KALYANI VILAS	Tambe	Tambe	Tambe	Tambe	Tambe
56	4356	UMATE DHIRAJ ARUNRAO	Umate	Umate	Umate	Umate	Umate
57	4357	VAIDYA SACHIN MACHHINDRA	AB	AB	AB	AB	AB
58	4358	YADAV NIKHIL JAGANNATH	Yadav	Yadav	Yadav	Yadav	Yadav

Coordinator

MOD

E & TC Engineering Dept.  
Shri Chhatrapati Shivaji Raju  
College Of Engineering, Dhangaewadi,  
Tal-Bhor, Dist-Pune, Pin-412206





Rajgad Dnyanpeeth's

# Shri Chhatrapati Shivajiraje College of Engineering

Gat No. 237, Pune Bangalore High-way, Dhangawadi, Tal. Bhor, Dist. -

Pune. Pincode - 412206. (M.S.), India

Telefax. : 02113-282456 / 556 / 656 Email : scscoe@gmail.com Website : www.rajgad.edu.in




## CERTIFICATE

This is to certify that *Mr. Tedhe Akshay Subhash*

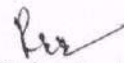
from *T.E ENTC* has attended

*5 day's Workshop on "PIC ARM and RTOS"* at this

College on *30/07/2014 to 04/08/2014.*

  
Co - Ordinator



  
Principal



**ACADEMIC**

**YEAR**

**2015-16**





Rajgad Dnyanpeeth's  
Shri Chhatrapati Shivajiraje College of Engineering  
Dhangwadi, Tal-Bhor, Dist. – Pune – 412206.  
**Department of Computer Engineering**

---

Date: 18/08/2015

## NOTICE

All Final year students are hereby informed that One week Workshop on “**Career Growth and Opportunities in CCNA**” has been organized from 21<sup>st</sup> Aug. 2015 at 10.00 am. All are instructed to be present for the same.



*Bhagawan P.*  
Prof. B.D.Thorat

**HOD**  
**Head of Department**  
Dept. of Computer Engineering  
Shri Chh. Shivajiraje College of Engg.  
Dhangawadi, Pune-412206

# 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



## INVITATION LETTER

Date: - 12/08/2015

To,

Mr. Gajendra Patel

Routhermania Pvt. Ltd.,

Pune.

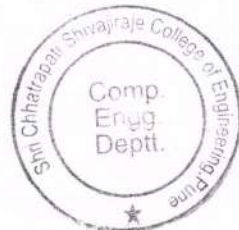
**Subject: Invitation for conducting One week Workshop ON "Career Growth and Opportunities in CCNA"**

Respected Sir,

This gives Department of Computer Engineering of SCSCOE, great pleasure to request you to conduct One week workshop on "Career Growth and Opportunities in CCNA" for final year students in RD'S SCSCOE, Dhangawadi. We will be thankful to you if you can schedule it from 21<sup>st</sup> August 2015.

Waiting for your positive reply.

Received  
G.Patel



Bhagwan D  
HOD  
(Prof. B.D.Thorat)  
Head of Department  
Dept. of Computer Engineering  
Shri Chh Shivajiraje College of Engg.  
Dhangawadi, Pune - 412206



# 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



## CONDUCTION LETTER

Date: - 21/08/2015

To

Mr. Gajendra Patel

Routhermania Pvt. Ltd.,

Pune.

We express our immense gratitude for having you at our college to conduct a fabulous sessions on "Career Growth and Opportunities in CCNA". It was our pleasure for having a person like you at our Institute. We take this opportunity to tell you this with pride that our students thoroughly enjoyed your entire sessions. We would like to know if you ever need our support.

Thank you so much.

Received

Gpatel



Bhagwan D  
HOD

(Prof. B.D.Thorat)

Head of Department

Dept. of Computer Engineering  
Shri Chh. Shivajiraje College of Engg.  
Dhangawadi, Pune-412206



**Report of Workshop On “Career Growth and Opportunities in CCNA”**

<u>DEPARTMENT</u>	:	Computer Engineering
<u>RESOURCE PERSON</u>	:	Mr. Gajendra Patel (Routermania Pvt. Ltd.)
<u>TITLE/TOPIC</u>	:	<b>“Career Growth and Opportunities in CCNA”</b>
<u>DATE</u>	:	21/08/2015 to 26/08/2015
<u>DURATION OF EVENT</u>	:	10.00 AM to 5.00 PM
<u>STUDENT PRESENT</u>	:	22
<u>CO-ORDINATOR</u>	:	Prof. D. H. Dewarde
<u>PROGRAM OBJECTIVE</u>	:	Main Objective was to explore the students what exactly is CCNA and the platform to showcase the ideas for new innovative projects in association with industry & its applications.

CONTENTS :

1. Introduction of CCNA
2. Current Networking Scenarios
3. Networking companies Expectations from students
4. How to face Networking Company Interviews
5. Different Levels of CCNA and its modules
6. Question & Answer

PROGRAM OUTCOME : CCNA provides a comprehensive introduction to deploying Router and switches in Computer networks. Students have learnt to identify the major components of a computer system, to define basic computer and networking terminology, and to describe the benefits and functions of the OSI reference model.



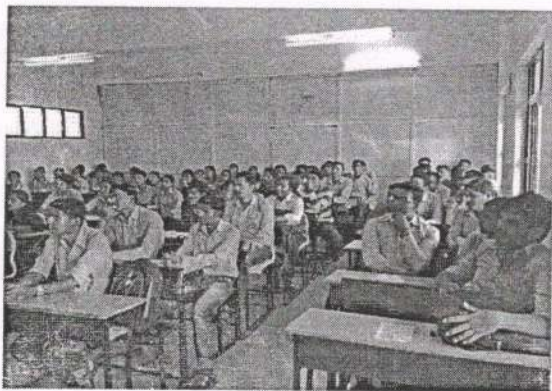
PHOTO'S DURING SESSION:



Prof. T.M.Dudhane Guide the Students



Prof. D.U.Dalavi Felicitate H.R Manager Miss Anita Rajput



B.E Class During The Seminar



Technical Expert from Routermania Guide the Student

Asst.Prof D.H. Dewarde

Event Co-ordianator



Prof. B.D. Thorat

**HOD  
H.O.D**

DEPTT. OF COMPUTER ENGG.  
RDTC, Shri Chhatrapati Shivajiraje  
College of Engineering, Dhangwadi,  
Pune- 412206.





**Rajgad Dnyanpeeth's**  
**Shri Chhatrapati Shivajiraje College of Engineering**  
 Dhangwadi, Tal-Bhor, Dist. – Pune – 412206.  
**Department of Computer Engineering**

**Workshop on "Career Growth and Opportunities in CCNA"**  
**Student Attendance Sheet**

Sr. No.	Name of Student	21/08/2015		22/08/2015		23/08/2015	
		Session1 Sign	Session2 Sign	Session1 Sign	Session2 Sign	Session1 Sign	Session2 Sign
1	Attar Tosif	<u>Attar</u>	<u>Attar</u>	<u>Attar</u>	<u>Attar</u>	<u>Attar</u>	<u>Attar</u>
2	Bandal Tejashri	<u>BandalT</u>	<u>BandalT</u>	<u>BandalT</u>	<u>BandalT</u>	<u>BandalT</u>	<u>BandalT</u>
3	Benke Sachinkumar	<u>Benke</u>	<u>Benke</u>	<u>Benke</u>	<u>Benke</u>	<u>Benke</u>	<u>Benke</u>
4	Bhise Vaishanavi	<u>VBhise</u>	<u>VBhise</u>	<u>VBhise</u>	<u>VBhise</u>	<u>VBhise</u>	<u>VBhise</u>
5	Bhosale Yogita	<u>YBhosale</u>	<u>YBhosale</u>	<u>YBhosale</u>	<u>YBhosale</u>	<u>YBhosale</u>	<u>YBhosale</u>
6	Ajay Borade	<u>Borade</u>	<u>Borade</u>	<u>Borade</u>	<u>Borade</u>	<u>Borade</u>	<u>Borade</u>
7	Chikane omkar	<u>Chikane</u>	<u>Chikane</u>	<u>Chikane</u>	<u>Chikane</u>	<u>Chikane</u>	<u>Chikane</u>
8	Gorade Dattatray	<u>Datta</u>	<u>Datta</u>	<u>Datta</u>	<u>Datta</u>	<u>Datta</u>	<u>Datta</u>
9	Dhumal Aniket	<u>Adhumal</u>	<u>Adhumal</u>	<u>Adhumal</u>	<u>Adhumal</u>	<u>Adhumal</u>	<u>Adhumal</u>
10	Gade Shraddha	<u>Gade</u>	<u>Gade</u>	<u>Gade</u>	<u>Gade</u>	<u>Gade</u>	<u>Gade</u>
11	Khopade Priyarani	<u>Khopade</u>	<u>Khopade</u>	<u>Khopade</u>	<u>Khopade</u>	<u>Khopade</u>	<u>Khopade</u>
12	Khutwad Parikheet	<u>Khutwad</u>	<u>AB</u>	<u>AB</u>	<u>Khutwad</u>	<u>AB</u>	<u>Khutwad</u>
13	Kolapkar Shreekumar\	<u>Skolapkar</u>	<u>Skolapkar</u>	<u>Skolapkar</u>	<u>Skolapkar</u>	<u>Skolapkar</u>	<u>Skolapkar</u>
14	Malusare Amita	<u>Malusare</u>	<u>Malusare</u>	<u>Malusare</u>	<u>Malusare</u>	<u>Malusare</u>	<u>Malusare</u>
15	Mane Harshal	<u>Mane</u>	<u>Mane</u>	<u>Mane</u>	<u>Mane</u>	<u>Mane</u>	<u>Mane</u>
16	More Gitesh	<u>MOREG</u>	<u>MOREG</u>	<u>MOREG</u>	<u>MOREG</u>	<u>MOREG</u>	<u>MOREG</u>
17	Pawar Priya	<u>PP</u>	<u>PP</u>	<u>PP</u>	<u>PP</u>	<u>PP</u>	<u>PP</u>
18	Bhosale Priyanka	<u>PBhosale</u>	<u>PBhosale</u>	<u>PBhosale</u>	<u>PBhosale</u>	<u>PBhosale</u>	<u>PBhosale</u>
19	Sairnaik Nakukul	<u>Sairnaik</u>	<u>Sairnaik</u>	<u>Sairnaik</u>	<u>Sairnaik</u>	<u>Sairnaik</u>	<u>Sairnaik</u>
20	Tanpure Komal	<u>Ktanpure</u>	<u>Ktanpure</u>	<u>Ktanpure</u>	<u>Ktanpure</u>	<u>Ktanpure</u>	<u>Ktanpure</u>
21	Thopate Shailesh	<u>Thopate</u>	<u>Thopate</u>	<u>Thopate</u>	<u>Thopate</u>	<u>Thopate</u>	<u>Thopate</u>
22	Yadav Snehal	<u>SYadav</u>	<u>SYadav</u>	<u>SYadav</u>	<u>SYadav</u>	<u>SYadav</u>	<u>SYadav</u>







**Rajgad Dnyanpeeth's**  
**Shri Chhatrapati Shivajiraje College of Engineering**  
 Dhangwadi, Tal-Bhor, Dist. – Pune – 412206.  
**Department of Computer Engineering**

**Workshop on “Career Growth and Opportunities in CCNA”**  
**Student Attendance Sheet**

Sr. No.	Name of Student	24/08/2015		25/08/2015		26/08/2015	
		Session1 Sign	Session2 Sign	Session1 Sign	Session2 Sign	Session1 Sign	Session2 Sign
1	Attar Tosif	<u>Attar</u>	<u>Attar</u>	<u>Attar</u>	<u>Attar</u>	<u>Attar</u>	<u>Attar</u>
2	Bandal Tejashri	<u>BandalT</u>	<u>BandalT</u>	<u>BandalT</u>	<u>BandalT</u>	<u>BandalT</u>	<u>BandalT</u>
3	Benke Sachinkumar	<u>Benke</u>	<u>Benke</u>	<u>Benke</u>	<u>Benke</u>	<u>Benke</u>	<u>Benke</u>
4	Bhise Vaishanavi	<u>VBhise</u>	<u>VBhise</u>	<u>VBhise</u>	<u>VBhise</u>	<u>VBhise</u>	<u>VBhise</u>
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6	Ajay Borade	<u>Borade</u>	<u>AB</u>	<u>AB</u>	<u>Borade</u>	<u>AB</u>	<u>Borade</u>
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8	Gorade Dattatray	<u>Datta</u>	<u>Datta</u>	<u>Datta</u>	<u>Datta</u>	<u>Datta</u>	<u>Datta</u>
9	Dhumal Aniket	<u>Adhumal</u>	<u>Adhumal</u>	<u>Adhumal</u>	<u>Adhumal</u>	<u>Adhumal</u>	<u>Adhumal</u>
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Rajgad Dnyanpeeth's  
Shri Chhatrapati Shivajiraje College of Engineering  
Dhangwadi, Tal-Bhor, Dist. – Pune – 412206.  
Email: [sescoe@gmail.com](mailto:sescoe@gmail.com) Website: [www.rajgad.edu.in](http://www.rajgad.edu.in)  
Department of Computer Engineering

Workshop on “Career Growth and Opportunities in CCNA”

Student Feedback Form

Students are required to rate the course on the following attributes using the 4 -point scale shown.

Course: [tick (✓) in the relevant cell]

Parameters	A Very Good	B Good	C Satisfactory	D Unsatisfactory
1. Overall rating of the workshop content	✓			
2. The teacher was effective in communicating the content of the workshop		✓		
3. The teacher responded to questions in an informative, appropriate and satisfactory manner.	✓			
4. Do you have any suggestions for future workshops that you would like us to organize?				
5. Would you recommend this course to other students?	Yes, I will recommend			
Any Other Comments-				

*Thank you for participating, we appreciate your feedback!!!!!!!*





Rajgad Dnyanpeeth's

# Shri Chhatrapati Shivajiraje College of Engineering

Gat No. 237, Pune Bangalore High-way, Dhangawadi, Tal. Bhor. Dist. -

Pune. Pincode - 412206. (M.S.), India

Telefax. : 02113-282456 / 556 / 656 Email : sescoc@gmail.com Website : www.rajgad.edu.in



## CERTIFICATE

This is to certify that Nakul Sainnaik


from Dept. of Computer. Engg. has attended

One Week Workshop on Career Growth Opportuniat this  
ties in CCNA

College on 21<sup>st</sup> to 26<sup>th</sup> Aug 2015

  
Co - Ordinator



  
Principal

Rajgad Dnyanpeeth's

# Shri Chhatrapati Shivajiraje College of Engineering

Gat No. 237, Pune Bangalore High-way, Dhangawadi, Tal. Bhor, Dist. -

Pune. Pincode - 412206. (M.S.), India

Telefax. : 02113-282456 / 556 / 656 Email : sescoc@gmail.com Website : www.rajgad.edu.in



## CERTIFICATE

This is to certify that Priyanka Bhosale


from Dept. of Computer Engg. has attended

One Week Workshop on Career Growth Opportunities this  
in CCNA

College on 21<sup>st</sup> to 26<sup>th</sup> Aug 2015.

  
Co - Ordinator



  
Principal



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 and Telecommunication Engineering**

**Date: 18<sup>th</sup> Aug 2015.**

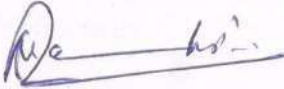
**NOTICE**

All B.E. students are hereby informed that Department of E&TC Engineering has scheduled Workshop on “Career Growth and opportunities in CCNA” from 21<sup>st</sup> Aug 2015 to 11<sup>th</sup> Oct 2015 (every Saturday and Sunday). All are informed to attend the same.

**Venue:** BE Classroom

**Date:** 21<sup>th</sup> Aug 2015 to 11<sup>th</sup> Oct 2015

**Time:** 11:00 a.m. to 2:00 p.m.



**Prof.D.U.Dalavi**  
**Coordinator**



**Prof.T.M.Dudhane**  
**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)

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### WORKSHOP REPORT

DEPARTMENT: **E&TC**

CLASS: **B.E-2015**

NAME OF GUEST/EXPERT: **Mr. Gajendra Patel**

FROM: **Router mania Pvt. Ltd**

TITLE/TOPIC: **“Career Growth and Opportunities in CCNA”**

DAY & DATE: **Friday -21.8.2015**

DURATION OF SESSION: **30 hrs**

STUDENT/ STAFF PRESENT: 46

CO-ORDINATOR: **Prof. D.U.Dalavi.**

CO-COORDINATOR: **Prof. L.M.Sagale**

OBJECTIVE: Main Objective was to explore the students with what exactly are CCNA and the platform to showcase the ideas for new innovative projects in association with industry & its application.

DESCRIPTION: The Rajgad Dnyanpeeth's Technical Campus, Shree Chhatrapati Shivajiraje College of Engineering, Dhangawadi, Department of Electronics and Telecommunication organized 15 days workshop under Student Welfare Activities from 21/08/2015 to 04/01/2015 in B.E E&TC Class Room which is on “Carrier Growth and Opportunities in CCNA” for B.E E&TC Students to help them to understand the Industry expectation and Importance of CCNA in Networking Field. For the same the resource person was Mr. Gajendra Patel who has 8 Years Industry Experience and who is Director of Router mania Tech. which is purely Networking Base Company located in Dhankawadi, Pune since year 2006. Along with him Company H.R manager Miss. Anita Rajput and Two Technical experts also present for the workshop. Principal Dr.S.B.Patil issued a notice about the seminar on 18/07/2015. Asst.Prof.D.U.Dalavi is appointed as a Event Coordinator for the same. Asst. Prof. M .S .Sapte. Host the event, Prof. T. M. Dudhane who is HOD of the E&TC Department and Asst. Prof. D.U. Dalavi Felicitate the Guest and shares the benefit of such kind of Seminar in Student life. 46 Students from B.E Class attended this seminar.

Mr.Gajendra Patel sir delivered the seminar up to 2 Hours, in that following are the Points he covered.





## SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

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

- General Introduction of CCNA.
- Current Networking Companies Scenario.
- Networking Companies Expectation from the students.
- How to Face Networking Company Interviews.
- Different Levels of CCNA and its Modules.
- At the last Interaction with Student.

**CONCLUSION:** CCNA provides a comprehensive introduction to deploying Router and Switches in computer networks. Students will learn to identify the major components of a computer system, to define basic computer and networking terminology, and to describe the benefits and functions of the OSI reference model. It really gives us an immense pleasure to be with associated with them.

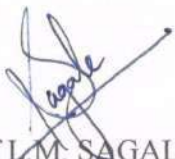
### PHOTO'S DURING SESSION:



Prof. T.M.Dudhane Guide the Students




Prof. D.U.Dalavi Felicitate H.R Manager Miss Anita Rajput

  
Prof L.M. SAGALE

Event Co-Coordinator

  
Prof D.U.Dalavi

Event Co-ordinator

  
Prof. T.M.DUDHANE

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

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: 17<sup>th</sup> Aug 2015.

## INVITATION LETTER

To,  
Mr.Gajendra Patel  
Routermania Pvt.Ltd  
Pune-43.

**Subject:** Invitation for conducting expert lectures on "Career Growth and opportunities in CCNA" from 21<sup>st</sup> Aug 2015 to 11<sup>th</sup> Oct 2015.

Dear Sir,  
It gives us immense pleasure to announce that RD's Shri Chhatrapati Shivajiraje College of Engineering, Department of E&TC Engineering have scheduled a expert lectures for "Career Growth and opportunities in CCNA" from 21<sup>st</sup> Aug 2015 to 11<sup>th</sup> Oct 2015 for students of our Institute.

It gives us great pleasure to invite you as a guest speaker for above said lecture.

Please, accept this invitation and acknowledge the same.

Thanking You,

Yours truly,

**Prof.D.U.Dalavi**  
Coordinator

*Received  
G.Patel*



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







4361	SURYAWANSHI SUMIT SUBHASH	Sumit	Sumit	Sumit	Sumit	Sumit	Sumit	Sumit	Sumit	Sumit	Sumit	Sumit	Sumit
4362	SUTAR PALLAVI MOHAN	Butae	Butae	Butae	Butae	Butae	Butae	Butae	Butae	Butae	Butae	Butae	Butae
4363	TAGAD SAMBHAJI BHANUDAS						NR						
4364	TAPARE PRANALI LAXMAN	Ptapare	Ptapare	Ptapare		Ptapare	Ptapare	Ptapare	Ptapare	Ptapare		Ptapare	Ptapare
4365	THOPATE BHAGYASHRI SUBHASH	Thopate	Thopate	Thopate	Thopate	Thopate	Thopate	Thopate	Thopate	Thopate		Thopate	Thopate
4366	WADKAR TEJAS JAGANNATH	wadkar	wadkar	wadkar		wadkar	wadkar	wadkar	wadkar		wadkar	wadkar	wadkar
4367	WALHEKAR SUPRIYA SURESH	SWalhekar	SWalhekar	SWalhekar		SWalhekar	SWalhekar	SWalhekar	SWalhekar	SWalhekar		SWalhekar	SWalhekar
4368	YEWALE POONAM BHARAT	Yewale	Yewale	Yewale	Yewale	Yewale	Yewale	Yewale	Yewale	Yewale	Yewale	Yewale	Yewale

  
Co-ordinator

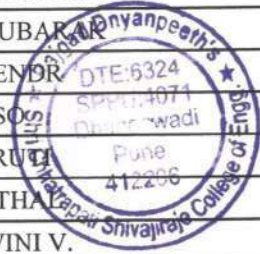
  
HOD

**HOD**  
E & TC Engineering Dept.  
Shri Chhatrapati Shivaji Raju  
College Of Engineering, Dhangawadi,  
Tal-Bhor, Dist-Pune, Pin-412206






4328	KONDHALKAR MOHAN ANANDA	<del>NR</del>	<del>NR</del>	<del>NR</del>															
4329	KSHIRSAGAR UTTAM GOVIND	<del>NR</del>	<del>NR</del>	<del>NR</del>															
4330	LEKAVALI HIMANI SOPAN	Himani	Himani	Himani															
4331	LIMAN MEGHA HARISHCHANDRA	Limman	Limman	Limman															
4332	MAHAMUNI SANKIRTA PRAMOD	<del>NR</del>	<del>NR</del>	<del>NR</del>															
4333	MAHANGARE TEJASHREE SURYAKANT	<del>NR</del>	<del>NR</del>	<del>NR</del>															
4334	MOMIN ILIYAS HARUN	Momin	Momin	Momin															
4335	NIGADE NITIN CHANDRAKANT	Nigade	Nigade	Nigade															
4336	OMBALE RANJIT NAMDEV	<del>NR</del>	<del>NR</del>	<del>NR</del>															
4337	PALKAR RAJESH RAMCHANDRA	Palkar	Palkar	Palkar															
4338	PALVE KISHOR KHANDU	Palve	Palve	Palve															
4339	PANDE AISHWARYA	<del>NR</del>	<del>NR</del>	<del>NR</del>															
4340	PATIL BHUSHAN PRASHANT	<del>NR</del>	<del>NR</del>	<del>NR</del>															
4341	PATIL SHITAL NANDKUMAR	Patil	Patil	Patil															
4342	PAVAL RAVSAHEB VIKRAM	Paaval	Paaval	Paaval															
4343	PAWAR PRIYANKA DHANANJAY	Pawar	Pawar	Pawar															
4344	PAWAR SNEHAL ROHIDAS	Snehal	Snehal	Snehal															
4345	PHADATARE NILESH NARAYAN	<del>NR</del>	<del>NR</del>	<del>NR</del>															
4346	PHULE AMARDEEP	<del>NR</del>	<del>NR</del>	<del>NR</del>															
4347	POKHARKAR PRIYA PANDURANG	Poxya	Poxya	Poxya															
4348	RASAL GOVIND ASHROBA	Rasal	Rasal	Rasal															
4349	SALUNKE PRADNYA DASHARATH	Salunke	Salunke	Salunke															
4350	SALUNKHE SACHIN RAGHUNATH	<del>NR</del>	<del>NR</del>	<del>NR</del>															
4351	SARAK UJVALA YASHVANT	Sarak	Sarak	Sarak															
4352	SASTE TUSHAR GANPAT	Saste	Saste	Saste															
4353	SHEDGE VIVEK SHANKAR	V.S.S	V.S.S	V.S.S															
4354	SHETE GANESH BALKRUSHNA	Shete	Shete	Shete															
4355	SHIKALGAR JAVED MUBARAK	<del>NR</del>	<del>NR</del>	<del>NR</del>															
4356	SHINDE AKSHAY RAJENDR	Shinde	Shinde	Shinde															
4357	SHINDE ARJUN BALASO	Shinde	Shinde	Shinde															
4358	SHINDE PALLAVI MARUTI	Pshinde	Pshinde	Pshinde															
4359	SHINGARE TEJAS VITTHAL	<del>NR</del>	<del>NR</del>	<del>NR</del>															
4360	SURYAWANSHI ASHWINI V.	<del>NR</del>	<del>NR</del>	<del>NR</del>															



		Sumit	Sumit	Sumit	Sumit	Sumit	Sh + Sumit	Sumit	Sumit	Sumit	Sumit	Sumit
4361	SURYAWANSHI SUMIT SUBHASH	Sumit	Sumit	Sumit	Sumit							
4362	SUTAR PALLAVI MOHAN	Sumit	Sumit	Sumit								
4363	TAGAD SAMBHAJI BHANUDAS	<del>Sumit Sumit Sumit</del> DUR										
4364	TAPARE PRANALI LAXMAN	PTapare	PTapare	PTapare								
4365	THOPATE BHAGYASHRI SUBHASH	Sumit	Sumit	Sumit								
4366	WADKAR TEJAS JAGANNATH											
4367	WALHEKAR SUPRIYA SURESH	Sumit	Sumit									
4368	YEWALE POONAM BHARAT											

  
Co-ordinator

  
HOD  
HOD  
E & TC Engineering Dept.  
Shri Chhatrapati Shivaji Raju  
College Of Engineering, Chhangawadi,  
Tal-Bhor, Dist. Solapur, Pin-412206





# Shri Chhatrapati Shivajiraje College of Engineering

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**Dr. Bhagyashree s. Patil**  
Hon. secretary

**Anantrao Thopte**  
Founder President  
Ex. Education Minister  
Maharashtra State



Date: 11<sup>th</sup> Oct 2015.


## APPRECIATION LETTER

To,  
Mr. Gajendra Patel  
Routermania Pvt.Ltd  
Pune-43.

On behalf of the Department of E&TC Engineering of RDTC's Shri Chhatrapati College of Engineering Dhangwadi, Pune, we wanted to express our appreciation to you for the Workshop on "Career Growth and opportunities in CCNA" from 21<sup>st</sup> Aug 2015 to 11<sup>th</sup> Oct 2015. It was extremely informative and we appreciate your personally taking time to provide us with the timely information. Definitely all the participants have benefited from your talk and we are very much thankful to you for making it convenient to be here at our place.


Once again, thank you for making the expert lecture successful, and we appreciate your continued support in future.

Sincerely,

  
Prof. D. U. Dalavi  
Coordinator

*Received  
G. Patil*



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

## Workshop on "Carrier Growth and Opportunities in CCNA "

### Feedback Form Analysis

Students are required to rate the course on the following attributes using the 4 -point scale shown.

Course: [tick (√) in the relevant cell]

Parameters	A Very Good	B Good	C Satisfactory	D Unsatisfactory
1. Overall rating of the course content	54.27%	17.03%	28.70%	
2. Course objectives were clear	65.11%	21.00%	13.89%	
3. Clarity and relevance of textual reading material	80%	6.78%	13.00%	
4. The teacher was effective in communicating the content of the course	42.00%	34.00%	24.00%	
5. The teacher responded to questions in an informative, appropriate and satisfactory manner.	66.11%	20%	13.89%	
TOTAL	61.54%	19.76%	18.70%	





## Workshop on "CCNA"

### Student Feedback Form

Students are required to rate the course on the following attributes using the 4 -point scale shown.

Course: [tick (✓) in the relevant cell]

Parameters	A Very Good	B Good	C Satisfactory	D Unsatisfactory
1. Overall rating of the course content	✓			
2. Course objectives were clear	✓			
3. Clarity and relevance of textual reading material		✓		
4. The teacher was effective in communicating the content of the course	✓			
5. The teacher responded to questions in an informative, appropriate and satisfactory manner.	✓			
6. Do you have any suggestions for future workshops that you would like us to organize?				
7. Would you recommend this course to other students?				
<b>Any Other Comments-</b>				



Rajgad Dnyanpeeth's  
**Shri Chhatrapati Shivajiraje College of Engineering**

Gar No. 237, Pune Bangalore High-way, Dhangawadi, Tal. Bhor, Dist. -  
Pune. Pincode - 412206. (M.S.), India  
Telefax. : 02113-282456 / 556 / 656 Email : scscoe@gmail.com Website : www.rajgad.edu.in




# CERTIFICATE

This is to certify that Bandal Kishori  
from BE E&TC has attended  
Workshop on Career Growth and at this  
opportunities in CCNA  
College on 21<sup>st</sup> Aug 15 to 11<sup>th</sup> - 10-15

  
Co - Ordinator



  
Principal



**ACADEMIC**

**YEAR**

**2016-17**

Rajgad Dnyanpeeth's

**SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING**

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

**Department of Electronics and Telecommunication Engineering**

Date: 18<sup>th</sup> July 2016.


**NOTICE**

All B.E. students are hereby informed that Department of E&TC Engineering has scheduled Workshop on “Career Growth and opportunities in CCNA” from 22<sup>nd</sup> July 2016 to 11<sup>th</sup> Sep 2016. All are informed to attend the same.

Venue: 209, Seminar Hall

Date: 22<sup>nd</sup> July 2016 to 11<sup>th</sup> Sep 2016

Time: 11:00 a.m. to 2:00 p.m.



Prof.D.U.Dalavi  
Coordinator



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



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Hon. secretary

Anantrao Thopte  
Founder President  
Ex. Education Minister  
Maharashtra State



## Department of Electronics and Telecommunication Engineering

Date: 15<sup>th</sup> July 2016.

### INVITATION LETTER

To,

Mr. Gajendra Patel

Routermania Pvt.Ltd

Pune-43.

**Subject:** Invitation for conducting expert lectures on "Career Growth and opportunities in CCNA" from 22<sup>nd</sup> July 2016 to 11<sup>th</sup> Sep 2016.

Dear Sir,

It gives us immense pleasure to announce that RDTC's Shri Chhatrapati Shivajiraje College of Engineering, Department of E&TC Engineering have scheduled a expert lectures for "Career Growth and opportunities in CCNA" from 22<sup>nd</sup> July 2016 to 11<sup>th</sup> Sep 2016 for students of our Institute.

It gives us great pleasure to invite you as a guest speaker for above said lecture.

Please, accept this invitation and acknowledge the same.

Thanking You,

Yours truly,

Prof. D.U. Dalavi  
Coordinator

*Received  
G.Patel*



Prof. T.M. Dudhane  
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 – Bor, Dist- Pune (Maharashtra)

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DEPARTMENT: **E&TC**

CLASS: **B.E-2016**

NAME OF GUEST/EXPERT: **Mr. Gajendra Patel**

FROM: **Router mania Pvt. Ltd**

TITLE/TOPIC: **“Career Growth and Opportunities in CCNA”**

DAY & DATE: **Friday -22.7.2016**

DURATION OF SESSION: **30 hrs**

STUDENT/ STAFF PRESENT: **35**

CO-ORDINATOR: **Asst. Prof. D.U.Dalavi.**

CO-COORDINATOR: **Asst. Prof. L.M.Sagale**

OBJECTIVE: Main Objective was to explore the students with what exactly are CCNA and the platform to showcase the ideas for new innovative projects in association with industry & its application.

DESCRIPTION:The Rajgad Dnyanpeeth's Technical Campus, Shree Chhatrapati Shivajiraje College of Engineering, Dhangawadi, Department of Electronics and Telecommunication organized 15 days workshop under Student Welfare Activities from 22/07/2016 to 11/09/2016 in B.E E&TC Class Room which is on “Career Growth and Opportunities in CCNA” for B.E E&TC Students to help them to understand the Industry expectation and Importance of CCNA in Networking Field. For the same the resource person was Mr. Gajendra Patel who has 8 Years Industry Experience and who is Director of Router mania Tech. which is purely Networking Base Company located in Dhankawadi, Pune since year 2006. Along with him Company H.R manager Miss. Anita Rajput and Two Technical experts also present for the workshop. Principal Dr.S.B.Patil issued a notice about the seminar on 18/07/2015. Asst.Prof.D.U.Dalavi is appointed as a Event Coordinator for the same. Asst. Prof. M .S .Sapte. host the event, Prof. T. M. Dudhane who is HOD of the E&TC Department and Asst. Prof. D.U. Dalavi Felicitate the Guest and shares the benefit of such kind of Seminar in Student life. 40 Students from B.E Class attended this seminar.



Mr.Gajendra Patel sir delivered the seminar up to 2 Hours, in that following are the Points he covered.

- General Introduction of CCNA.
- Current Networking Companies Scenario.
- Networking Companies Expectation from the students.
- How to Face Networking Company Interviews.
- Different Levels of CCNA and its Modules.
- At the last Interaction with Student.

**CONCLUSION:** CCNA provides a comprehensive introduction to deploying Router and Switches in computer networks. Students will learn to identify the major components of a computer system, to define basic computer and networking terminology, and to describe the benefits and functions of the OSI reference model. It really gives us an immense pleasure to be with associated with them.


PHOTO'S DURING SESSION:




B.E Class During The Seminar



Technical Expert from Routermania Guide the Student

  
Prof L.M. SAGALE  
Event Co-Coordinator

  
Prof D.U. Dalavi  
Event Co-ordinator

  
Prof. T.M.DUDHANE  
HOD



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



Roll No.	Full Name of the Candidate	22/7	23/7	30/7	31/7	5/8	7/8	13/8	14/8	20/8	21/8	27/8	28/8
4301	AKHADE TRUPTI SHIVAJI	Akhade	Akhade	Akhade	Akhade	Akhade	Akhade	Akhade	Akhade	Akhade	Akhade	Akhade	Akhade
4302	AMBHORE KAJAL SHRIRAM				Not	Register							
4303	AWALE ASHIWINI DATTATRAYA	Awale	Awale	Awale	Awale	Awale	Awale	Awale	Awale	Awale	Awale	Awale	Awale
4304	BATHE MAYA KISAN	Bathe	Bathe	Bathe	Bathe	Bathe	Bathe	Bathe	Bathe	Bathe	Bathe	Bathe	Bathe
4305	BHOSALE ABHIJIT VITTHAL					Not	Register						
4306	CHAUDHARI PARESH RAVINDRA	Chaudhri	Chaudhri	Chaudhri	Chaudhri	Chaudhri	Chaudhri	Chaudhri	Chaudhri	Chaudhri	Chaudhri	Chaudhri	Chaudhri
4307	DALVI AKSHAY BALASO	Dalvi	Dalvi	Dalvi	Dalvi	Dalvi	Dalvi	Dalvi	Dalvi	Dalvi	Dalvi	Dalvi	Dalvi
4308	DESPANDE DAMAYANTI DHANANJAY	Deshpande	Deshpande	Deshpande	Deshpande	Deshpande	Deshpande	Deshpande	Deshpande	Deshpande	Deshpande	Deshpande	Deshpande
4309	GADE SAGAR PANDURANG					Not	Register						
4310	GAIKWAD SAMIR SURAYAKANT	Gaikwad	Gaikwad	Gaikwad	Gaikwad	Gaikwad	Gaikwad	Gaikwad	Gaikwad	Gaikwad	Gaikwad	Gaikwad	Gaikwad
4311	GALANDE TEJASWINI SADASHIV	Galande	Galande	Galande	Galande	Galande	Galande	Galande	Galande	Galande	Galande	Galande	Galande
4312	GAWADE NIKHIL SANJAY					Not	Register						
4313	GHODAKE AMOL UTTAM	Ghodake	Ghodake	Ghodake	Ghodake	Ghodake	Ghodake	Ghodake	Ghodake	Ghodake	Ghodake	Ghodake	Ghodake
4314	JADHAV SNEHAL LAXMAN	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav
4315	JAGDALE AKSHAY BALASAHEB					NR							
4316	KAMBLE REKHA CHANDU	Kamble	Kamble	Kamble	Kamble	Kamble	Kamble	Kamble	Kamble	Kamble	Kamble	Kamble	Kamble
4317	KAPARE AVINASH APPAJI	Kapare	Kapare	Kapare	Kapare	Kapare	Kapare	Kapare	Kapare	Kapare	Kapare	Kapare	Kapare
4318	KSHIRSAGAR DHANASHRI BALASAHEB	Kshirsagar	Kshirsagar	Kshirsagar	Kshirsagar	Kshirsagar	Kshirsagar	Kshirsagar	Kshirsagar	Kshirsagar	Kshirsagar	Kshirsagar	Kshirsagar
4319	KULKARNI SHUBHAM SURENDRA	Kulkarni	Kulkarni	Kulkarni	Kulkarni	Kulkarni	Kulkarni	Kulkarni	Kulkarni	Kulkarni	Kulkarni	Kulkarni	Kulkarni
4320	MAHANGARE TUSHAR TUKARAM	Mahangare	Mahangare	Mahangare	Mahangare	Mahangare	Mahangare	Mahangare	Mahangare	Mahangare	Mahangare	Mahangare	Mahangare
4321	MALEKAR SHIVANI DASHARATH	Malekar	Malekar	Malekar	Malekar	Malekar	Malekar	Malekar	Malekar	Malekar	Malekar	Malekar	Malekar
4322	MALSHIKARE PRASHANT HANUMANT					NR							
4323	MALUSARE DNYANESHWAR JAVAJI	Malusare	Malusare	Malusare	Malusare	Malusare	Malusare	Malusare	Malusare	Malusare	Malusare	Malusare	Malusare
4324	MARGAJE AKSHADA ANIL	Margaje	Margaje	Margaje	Margaje	Margaje	Margaje	Margaje	Margaje	Margaje	Margaje	Margaje	Margaje
4325	MULANI TAUSIF NISAR					Not	Register						
4326	NAIK ANUJA CHARUCHANDRA	Naik	Naik	Naik	Naik	Naik	Naik	Naik	Naik	Naik	Naik	Naik	Naik
4327	NANGADE PRADIP NIVRUTTI					Not	Register						
4328	NIMBALKAR BHGYASHREE DASHRATH	Nimbalkar	Nimbalkar	Nimbalkar	Nimbalkar	Nimbalkar	Nimbalkar	Nimbalkar	Nimbalkar	Nimbalkar	Nimbalkar	Nimbalkar	Nimbalkar





4329	PATANE YOGESH BALASAHEB						act	(gister)					
4330	PAWAR NILESH DILIP	<del>Nawar</del>	<del>Nawar</del>	<del>Nawar</del>	<del>Nawar</del>	<del>Nawar</del>	<del>Nawar</del>	<del>Nawar</del>	<del>Nawar</del>	<del>Nawar</del>	<del>Nawar</del>	<del>Nawar</del>	<del>Nawar</del>
4331	PAWAR PRAJAKTA RAMDAS	<del>Pawar</del>	<del>Pawar</del>	<del>Pawar</del>	<del>Pawar</del>	<del>Pawar</del>	<del>Pawar</del>	<del>Pawar</del>	<del>Pawar</del>	<del>Pawar</del>	<del>Pawar</del>	<del>Pawar</del>	<del>Pawar</del>
4332	PRANAY HEMANTKUMAR KAMBLE	<del>Kamble</del>	<del>Kamble</del>	<del>Kamble</del>	<del>Kamble</del>	<del>Kamble</del>	<del>Kamble</del>	<del>Kamble</del>	<del>Kamble</del>	<del>Kamble</del>	<del>Kamble</del>	<del>Kamble</del>	<del>Kamble</del>
4333	SALEKAR LALITA DNYANESHWAR	<del>Selas</del>	<del>Selas</del>	<del>Selas</del>	<del>Selas</del>	<del>Selas</del>	<del>Selas</del>	<del>Selas</del>	<del>Selas</del>	<del>Selas</del>	<del>Selas</del>	<del>Selas</del>	<del>Selas</del>
4334	SHINDE BAJARANG SHANKAR	<del>Shinde</del>	<del>Shinde</del>	<del>Shinde</del>	<del>Shinde</del>	<del>Shinde</del>	<del>Shinde</del>	<del>Shinde</del>	<del>Shinde</del>	<del>Shinde</del>	<del>Shinde</del>	<del>Shinde</del>	<del>Shinde</del>
4335	SONAWANE TUSHAR BHALCHANDRA	<del>Sonawane</del>	<del>Sonawane</del>	<del>Sonawane</del>	<del>Sonawane</del>	<del>Sonawane</del>	<del>Sonawane</del>	<del>Sonawane</del>	<del>Sonawane</del>	<del>Sonawane</del>	<del>Sonawane</del>	<del>Sonawane</del>	<del>Sonawane</del>
4336	TANPURE GANESH DILIP	<del>Tanpure</del>	<del>Tanpure</del>	<del>Tanpure</del>	<del>Tanpure</del>	<del>Tanpure</del>	<del>Tanpure</del>	<del>Tanpure</del>	<del>Tanpure</del>	<del>Tanpure</del>	<del>Tanpure</del>	<del>Tanpure</del>	<del>Tanpure</del>
4337	TAPSE POOJA SURYAKANT	<del>Tapse</del>	<del>Tapse</del>	<del>Tapse</del>	<del>Tapse</del>	<del>Tapse</del>	<del>Tapse</del>	<del>Tapse</del>	<del>Tapse</del>	<del>Tapse</del>	<del>Tapse</del>	<del>Tapse</del>	<del>Tapse</del>
4338	TARU PALLAVI ANIL	<del>Taru</del>	<del>Taru</del>	<del>Taru</del>	<del>Taru</del>	<del>Taru</del>	<del>Taru</del>	<del>Taru</del>	<del>Taru</del>	<del>Taru</del>	<del>Taru</del>	<del>Taru</del>	<del>Taru</del>
4339	TAWARE HARSHAL HARIDAS	<del>Haware</del>	<del>Haware</del>	<del>Haware</del>	<del>Haware</del>	<del>Haware</del>	<del>Haware</del>	<del>Haware</del>	<del>Haware</del>	<del>Haware</del>	<del>Haware</del>	<del>Haware</del>	<del>Haware</del>
4340	THORAT ANURADHA SUKHDEV	<del>Thorat</del>	<del>Thorat</del>	<del>Thorat</del>	<del>Thorat</del>	<del>Thorat</del>	<del>Thorat</del>	<del>Thorat</del>	<del>Thorat</del>	<del>Thorat</del>	<del>Thorat</del>	<del>Thorat</del>	<del>Thorat</del>
4341	UKIRDE SHRIKANT VASHISHTHA						NR						
4342	VARUDE AMRUT SURESH	<del>Varude</del>	<del>Varude</del>	<del>Varude</del>	<del>Varude</del>	<del>Varude</del>	<del>Varude</del>	<del>Varude</del>	<del>Varude</del>	<del>Varude</del>	<del>Varude</del>	<del>Varude</del>	<del>Varude</del>
4343	VHANAMANE SAGAR NIVRUTTI						NR						
4344	VIKRAM HANUMANT SATPUTE	<del>Sapute</del>	<del>Sapute</del>	<del>Sapute</del>	<del>Sapute</del>	<del>Sapute</del>	<del>Sapute</del>	<del>Sapute</del>	<del>Sapute</del>	<del>Sapute</del>	<del>Sapute</del>	<del>Sapute</del>	<del>Sapute</del>
4345	WATKAR ATUL DATTATRAY	<del>Watkarn</del>	<del>Watkarn</del>	<del>Watkarn</del>	<del>Watkarn</del>	<del>Watkarn</del>	<del>Watkarn</del>	<del>Watkarn</del>	<del>Watkarn</del>	<del>Watkarn</del>	<del>Watkarn</del>	<del>Watkarn</del>	<del>Watkarn</del>
4346	YADAV TUSHAR TUKARAM	<del>Yadav</del>	<del>Yadav</del>	<del>Yadav</del>	<del>Yadav</del>	<del>Yadav</del>	<del>Yadav</del>	<del>Yadav</del>	<del>Yadav</del>	<del>Yadav</del>	<del>Yadav</del>	<del>Yadav</del>	<del>Yadav</del>

*Da*  
Co-ordinator

*Mishra*  
HOD

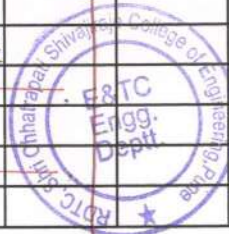
HOD  
E & TC Engineering Dept.  
Shri Chhatrapati Shivaji Raja  
College Of Engineering, Dhangawadi,  
Tal-Bhor, Dist-Pune, Pin-412206



## CCNA Workshop 2016-17

Class : BE E&amp;TC

Sl No.	Full Name of the Candidate	29/8	10/9	11/9															
301	AKHADE TRUPTI SHIVAJI	Akhade	Akhade																
302	AMBHORE KAJAL SHRIRAM		AIR																
303	AWALE ASHIWINI DATTATRAYA	Awale	Awale	Awale															
304	BATHE MAYA KISAN	mbathe	mbathe	mbathe															
305	BHOSALE ABHIJIT VITTHAL		NR																
306	CHAUDHARI PARESH RAVINDRA	Chaudhri	Chaudhri	Chaudhri															
307	DALVI AKSHAY BALASO	Dalvi	Dalvi	Dalvi															
308	DESPANDE DAMAYANTI DHANANJAY	Deshpande	Deshpande	Deshpande															
309	GADE SAGAR PANDURANG		NR																
310	GAIKWAD SAMIR SURAYAKANT	Gaikwad		Gaikwad															
311	GALANDE TEJASWINI SADASHIV	Galande	Galande	Galande															
312	GAWADE NIKHIL SANJAY		NR																
313	GHODAKE AMOL UTTAM	Ghodake		Ghodake															
314	JADHAV SNEHAL LAXMAN	Jadhav	Jadhav	Jadhav															
315	JAGDALE AKSHAY BALASAHEB		NR																
316	KAMBLE REKHA CHANDU	Kamble	Kamble	Kamble															
317	KAPARE AVINASH APPAJI	Kapare	Kapare	Kapare															
318	KSHIRSAGAR DHANASHRI BALASAHEB	Kshirsagar	Kshirsagar	Kshirsagar															
319	KULKARNI SHUBHAM SURENDRA	Kulkarni	Kulkarni	Kulkarni															
320	MAHANGARE TUSHAR TUKARAM	Mahangare	Mahangare																
321	MALEKAR SHIVANI DASHARATH	Malekar																	
322	MALSHIKARE PRASHANT HANUMANT		NR																
323	MALUSARE DNYANESHWAR JAVAJI	Malusare	Malusare	Malusare															
324	MARGAJE AKSHADA ANIL	Margaje		Margaje															
325	MULANI TAUSIF NISAR		NR																
326	NAIK ANUJA CHARUCHANDRA	Naik	Naik																
327	NANGADE PRADIP NIVRUTTI		NR																
328	NIMBALKAR BHGYASHREE DASHRATH	Nimbalkar	Nimbalkar	Nimbalkar															







## Workshop on "CCNA"

### Student Feedback Form

Students are required to rate the course on the following attributes using the 4 -point scale shown.

Course: [tick (✓) in the relevant cell]

Parameters	A Very Good	B Good	C Satisfactory	D Unsatisfactory
1. Overall rating of the course content	✓			
2. Course objectives were clear	✓			
3. Clarity and relevance of textual reading material	✓			
4. The teacher was effective in communicating the content of the course		✓		
5. The teacher responded to questions in an informative, appropriate and satisfactory manner.	✓			
6. Do you have any suggestions for future workshops that you would like us to organize?	—			
7. Would you recommend this course to other students?	Yes			
<b>Any Other Comments-</b>	—			





## Workshop on “Carrier Growth and Opportunities in CCNA ”

### Feedback Form Analysis

Students are required to rate the course on the following attributes using the 4 -point scale shown.

Course: [tick (√) in the relevant cell]

Parameters	A Very Good	B Good	C Satisfactory	D Unsatisfactory
1. Overall rating of the course content	41.08%	30.19%	28.73%	
2. Course objectives were clear	58.11%	24.00%	17.89%	
3. Clarity and relevance of textual reading material	67.12%	16.10%	16.78%	
4. The teacher was effective in communicating the content of the course	38.11%	38.00%	23.89%	
5. The teacher responded to questions in an informative, appropriate and satisfactory manner.	52.11%	34%	13.89%	
TOTAL	51.31%	28.46%	20.24%	



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



**Department of Electronics and Telecommunication Engineering**

Date: 11<sup>th</sup> Sep 2016.

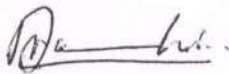
**APPRECIATION LETTER**

To,  
Mr. Gajendra Patel  
Routermania Pvt. Ltd  
Pune-43.

On behalf of the Department of E&TC Engineering of RDTC's Shri Chhatrapati College of Engineering Dhangwadi, Pune, we wanted to express our appreciation to you for the Workshop on "Career Growth and opportunities in CCNA" from 22<sup>nd</sup> July 2016 to 11<sup>th</sup> Sep 2016. It was extremely informative and we appreciate your personally taking time to provide us with the timely information. Definitely all the participants have benefited from your talk and we are very much thankful to you for making it convenient to be here at our place.

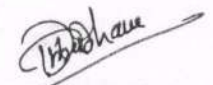
Once again, thank you for making the expert lecture successful, and we appreciate your continued support in future.

Sincerely,

  
Prof. D. U. Dalavi  
Coordinator

Received  
G. Patel



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



॥ प्रगतिनिर्वाहो ज्ञानमयः प्रदिपः ॥

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



Department of Mechanical Engineering

Date: 15/02/2018

## INVITATION LETTER

To,  
The Head,  
ARK Techno Solution &  
Robocart.com  
E-Cell IIT Bombay.

**Subject:** Invitation for conducting workshop on "Design, Assembly & Testing of Quad Copter".

Dear Sir,

On behalf of Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engineering, I am very pleased to have the honor of inviting you to conduct workshop on "Design, Assembly & Testing of Quad Copter". We will be arranging the workshop as per your convenience. We are expecting approximately 65-70 students and faculty from the Mechanical and E&TC Department.

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.

Thanking You,



*182*  
Prof. S. K. Pawar  
Head of Department  
Dept. of Mechanical Engineering  
Shri Chh. Shivajiraje College of Engg.  
Dhangawadi, Pune-412206

*Received*  
*[Signature]*

Rajgad Dnyanpeeth's

**SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING**

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

.....

**Department of Mechanical Engineering**

**NOTICE**

Date: 19/09/2016

All the students of SCSCOE are hereby informed that Department of Mechanical Engineering is going to organizing Four Days workshop on QUAD-COPTER from 28<sup>th</sup> September to 1<sup>st</sup> October 2016. Participant's students will learn how to make Quad-Copter within Four Days and will get certificate from ARK Techno Solution & Robocart in Association with E-cell, IIT Bombay.

The registration fees per student is Rs. 600/-. Those who are interested should urgently contact along with registration fees to Prof. S. K. Pawar (Mech. Dept.).



  
Prof. S. K. Pawar

**Head of Department**  
HOD  
Dept. of Mechanical Engineering  
Shri Chh. Shivajiraje College of Engg.  
Dhangawadi, Pune-412206



**REPORT OF FOUR DAYS NATIONAL LEVEL WORKSHOP ON QUAD COPTER**

DEPARTMENT: Mechanical Engineering

CLASS: TE

NAME OF TRAINER: Mr. Harshad Pandey

FROM: ARK techno solutions & Robokart .com, in association with E – cell IIT Bombay

TITLE OF SESSION: Design, Assembly & Testing of Quad Copter the UAV.

DAY & DATE: 28<sup>th</sup> Sept. to 01<sup>st</sup> Oct. 2016

DURATION OF SESSION: Four Days

STUDENTS PRESENT: 71

COORDINATOR: Prof. D. D. Zagade.

OBJECTIVE: To bring participant students in a position to Design, Assembly & Testing of Quad Copter.

DISCRIPTION: ARK Technosolutions again comes up with a new idea to encourage students on very interesting and upcoming topic of Quad Copter. It is basically to clear a concept of how to an aero model flies. To get into much deeper of a aero model this course will teach how to start building a Quad Copter. The measured contents of this course are Embedded System Design, Introduction to Controllers and Embedded system Design, Working Principle of Quad Copter. Mr. Harshad Pandey has explained constructional concepts of Quad Copter frame, Operation of Gyroscopes Micro-controller, controllers & embedded system design, considerations & concepts of stability, Electronic speed-controller (ESC), construction of Quad Copter, Ghz Radio communication, ISP flashing techniques, Gain potentiometer, BLDC motor, Flying session.

**PHOTO'S DURING SESSION:**



Quad Copter Workshop Ingauration Speech By Prof. S. K. Pawar (HOD Mechanical Dept)





Photo Session During Actual Workshop

**CONCLUSION:** The knowledge about all aspects of Electronics, Mechanics, Design of machine elements, Programming and Communication is really useful to the all participant students.

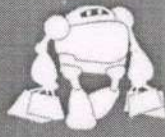
(Prof. D. D. Zagade)  
(Coordinator)



(Prof. S. K. Pawar)

**HOD**  
**Head of Department**  
Dept. of Mechanical Engineering  
Shri Chh. Shivajiraje College of Engg  
Dhangawadi, Pune-412206

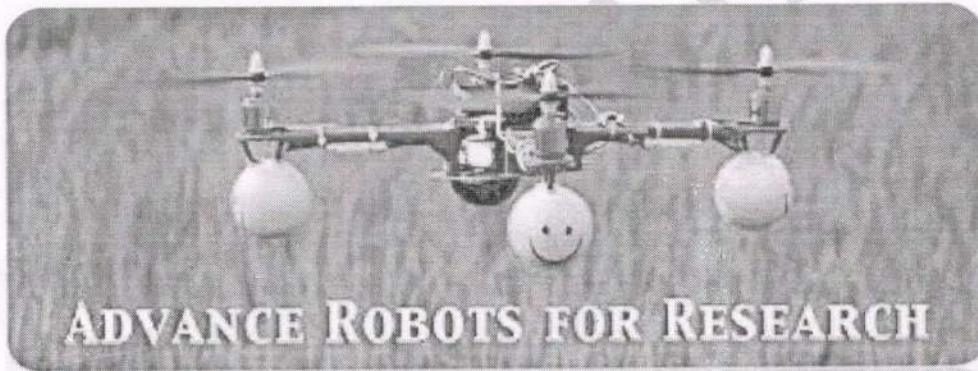




ROBOKART.COM

“3 Idiots Movie”

# QUADCOPTER



ADVANCE ROBOTS FOR RESEARCH

ADVANCE ROBOTS FOR RESEARCH

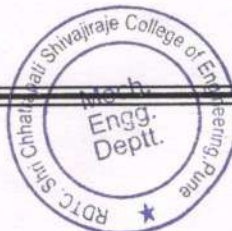
Real Image of Quad Copter you will working upon !!!



**ARK Technosolutions** again comes up with a new idea to encourage students on very interesting and upcoming topic of **Quad copter**. It is basically to clear a concept of how an aero model flies. To get into much deeper of a aero model this course will teach you how to start building an quad copter, what all constitutes to make an quad copter. In this course we will concentrate on all aspects of electronics, mechanics, programming and communication.

## **Content:**

- **Embedded Systems Design**
- **Introduction to Controllers and Embedded Systems Design**
- **Working Principle**
- **Constructional Concepts Quad copter Frame**
  - **Materials used**
  - **Designing concepts**
  - **Hands on designing**
  - **Developing of quad frame models**
  - **Types of frame structures & consequences**
- **Ghz Radio Communication**
  - **Radio Transmitter**
  - **Transmitter controls**
  - **Controls corresponding to Stabilization techniques**
  - **Power limitations**
  - **Types of power sources**
  - **Frequency Selection**
  - **Antenna arrangement**
  - **Coverage considerations**
  - **Orientations of Quad in terms of coverage distance**
  - **Radio Receiver**
  - **Number of channels**
  - **Effective utilization of channels**
  - **Connection consideration of various configurations**
  - **Consequences of reception beyond coverage area**
  - **Multi Rotor Stabilization Controller**
- **Considerations & Concepts of Stability Component Explanation of the board Basic layout of board**
- **Operation of Gyroscopes Microcontroller operation Variations in output of ESC**





- Gain Potentiometers
- ISP Flashing Techniques
- Electronic Speed Controller (ESC)
  - Speed control Techniques
  - Ampere Rating of ESC
  - Input supply considerations
  - Data Signaling to ESC
  - Battery elimination operation of ESCs
  - Choosing right ESCs for the right application
  - Constructional ideas of building your own ESC
  - Programming ESC
- BLDC Motors
  - Wide varieties of motors
  - Difference of a Normal DC motor and BLDC motor
  - Applications of BLDC motors
  - Advantages of BLDC motors
  - Driving a BLDC motor
  - Characters, Commutation, Analysis & Evaluation methods
  - Speed calculation Propellers
  - Construction of Propellers
  - Types of propellers
  - Suitable propeller for right application
  - Parts of a propeller
- Construction of Quad copter
  - Components Identification
  - Complete Assembling Simulation of flight in FMS
- Flying precautions
- Flying Session (10-15 Min's Flying for each group in open ground)

## Certification:

---

Students will be certified jointly from **ARK Technosolutions & Robokart.com**



# Workshop Benefits & Highlights:

---

- ✓ *Learn & Interact with Engineer Trainer & get to know about Arduino, Sensors & All.*
- ✓ *Receive an unparalleled education on the art of building robots, Quadcopters & applications with personal one – on – one attention.*
- ✓ *Learn to make your own quadcopter within 2 day's*
- ✓ *PowerPoint Presentation, Live Demos, Interactive Questions & Answer session & comprehensive material.*

# Target Audience:

---

- ✓ *Students seeking career in robotics & aeronautical related industry.*
- ✓ *All year students from Physics, Electronics, EXTC, Mechanical, Aeronautical engineering.*

# The fee include (KIT CONTENT)

---

## **ARKDUINO circuit board**


- Micro Controller - AT MEL AT mega 8
- Operating Voltage - 5V
- Input voltage - 6V-20V
- Digital I / O pins - 14 out of which 6 provide PWM
- Analog Input Pins - 8
- DC Current per I / O pin - 40mA.
- Flash Memory - 16KB
- SRAM - 1KB
- EEPROM - 512Bytes
- Clock Speed 16 MHz
- USB-UART converter
- Proper Indicator LED's
- USB/ EXT input voltage
- 5V output supply pins - 3
- 3.3 V output supply pins - 1
- Breadboard Compatibility (dimension of a 40 pin DIP IC)
- ✓ BO Motor
- ✓ Motor Driver
- ✓ Connecting Wires






Rajgad Dnyanpeeth's  
**RAJGAD DNYANPEETH TECHNICAL CAMPUS, DHANGAWADI.**  
 Shri Chhatrapati Shivajiraje College of Engineering  
 Department of Mechanical Engineering  
**Attendance Sheet for Workshop on Quad-Copter**

Sr. No.	Class	Name of Student	Date	28/09/16	29/09/16	30/09/16	01/09/16
1	TE MECH	AGAWANE OMKAR SURESH	→	Osgal	Osgal	Osgal	Osgal
2	TE MECH	ANARASE TEJAS DILIP		Anarase	Anarase	Anarase	Anarase
3	TE MECH	AWALE SHEKHAR KISHOR		A	A	A	A
4	TE MECH	BARVE SHAMRAO KAKASO		Barves-K	BarvesK	BarvesK	BarvesK
5	TE MECH	BARVE SWAPNIL H		Bshh	Bshh	Bshh	Bshh
6	TE MECH	BHILARE TEJAS S		BhilareTS	BhilareTS	BhilareTS	BhilareTS
7	TE MECH	BUDGUDE AKASH DHARMAJI		BudgudeAK	BudgudeAK	BudgudeAK	BudgudeAK
8	TE MECH	BUDGUDE NIKHIL GANESH		Bui	Bui	Bui	Bui
9	TE MECH	CHOUDHARI SAGAR P		CSP	CSP	CSP	CSP
10	TE MECH	DESHMUKH SHEKHAR P		DSP	DSP	DSP	DSP
11	TE MECH	GAIKWAD ASHISHKUMAR S		Gaikwad	Gaikwad	Gaikwad	Gaikwad
12	TE MECH	GIRE AKSHAY MAHADEV		GAm	GAm	GAm	GAm
13	TE MECH	JADHAV AJAY RAMDAS		Jam	Jam	Jam	Jam
14	TE MECH	JADHAV ROSHAN RAJENDRA		J	J	J	J
15	TE MECH	KHOPADE HRUSHIKESH J		Khhj	Khhj	Khhj	Khhj
16	TE MECH	KHUTWAD POOJA DILIP		KhpD	KhpD	KhpD	KhpD
17	TE MECH	KUMKAR ANIKET DILIP		K	K	K	K
18	TE MECH	MARATHE AKSHAY SUNIL		Mar	Mar	Mar	Mar
19	TE MECH	RAJE AKSHAY DHANANJAY		Araje	Araje	Araje	Araje
20	TE MECH	RAVALEKAR PRATIK S		R	R	R	R
21	TE MECH	SAKURDE GAURAV P		Sark	Sark	Sark	Sark
22	TE MECH	SHINDE AKASH SHANKAR		Shinde	Shinde	Shinde	Shinde
23	TE MECH	SHIRAWALE SATISH SHARAD		Sshishm	Sshishm	Sshishm	Sshishm
24	TE MECH	VANE SAGAR BABASAHEB		V	V	V	V
25	TE MECH	VETAL AKSHAY SANJAY		Akki.v	Akki.v	Akki.v	Akki.v

  
**Workshop Coordinator**  
 Prof. D. D. Zagade

  
**Head**  
 Dept. of ~~Mech~~ Engg.  
 Mechanical Engineering Dept  
 Shri Chhatrapati Shivajiraje  
 College of Engineering  
 Dhangawadi Tal. Bor  
 Dist. Pune - 412236





**RAJGAD DNYANPEETH TECHNICAL CAMPUS, DHANGAWADI.**

Shri Chhatrapati Shivajiraje College of Engineering  
Department of Mechanical Engineering

**Attendance Sheet for Workshop on Quad-Copter**

Sr. No.	Class	Name of Student	Date	28/09/16	29/09/16	30/09/16	01/09/16
			→				
26	TE MECH	CHENDAGE TUSHAR		<u>Tushar</u>	<u>Tushar</u>	<u>Tushar</u>	<u>Tushar</u>
27	TE MECH	DISALE KOMAL		<u>Disale</u>	<u>Disale</u>	<u>Disale</u>	<u>Disale</u>
28	TE MECH	KAMBALE RAHUL		<u>Kamble</u>	<u>Kamble</u>	<u>Kamble</u>	<u>Kamble</u>
29	TE MECH	PATIL RAJU		<u>Rajup</u>	<u>Rajup</u>	<u>Rajup</u>	<u>Rajup</u>
30	TE MECH	PINJARI RASHID		<u>Pinjar</u>	<u>Pinjar</u>	<u>Pinjar</u>	<u>Pinjar</u>
31	TE MECH	WAKODE SHRINIWAS		<u>Shrinivas</u>	<u>Shrinivas</u>	<u>Shrinivas</u>	<u>Shrinivas</u>
32	TE MECH	KONDALKAR NIRBHAY		<u>Kondalkar</u>	<u>Kondalkar</u>	<u>Kondalkar</u>	<u>Kondalkar</u>
33	TE MECH	BABAR AKSHAY		<u>Akshay</u>	<u>Akshay</u>	<u>Akshay</u>	<u>Akshay</u>
34	TE MECH	SHINDE RANJIT S.		<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>
35	TE MECH	PATIL AMIT M.		<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>
36	TE MECH	RAUT DATTATRAY		<u>Raut</u>	<u>Raut</u>	<u>Raut</u>	<u>Raut</u>
37	TE MECH	MALUSARE RESHMA		<u>Reshma</u>	<u>Reshma</u>	<u>Reshma</u>	<u>Reshma</u>
38	TE MECH	HIRVE RAJENDRA LAXMAN		<u>Hirve</u>	<u>Hirve</u>	<u>Hirve</u>	<u>Hirve</u>
39	TE E&TC	BHARGUDE ARATI D.		<u>Bhargude</u>	<u>Bhargude</u>	<u>Bhargude</u>	<u>Bhargude</u>
40	TE E&TC	PAWAR POOJA M.		<u>Pawar</u>	<u>Pawar</u>	<u>Pawar</u>	<u>Pawar</u>
41	TE E&TC	PAWAR SHRADHA		<u>Pawar</u>	<u>Pawar</u>	<u>Pawar</u>	<u>Pawar</u>
42	TE E&TC	VARE JYOTSANA A.		<u>J.Vare</u>	<u>J.Vare</u>	<u>J.Vare</u>	<u>J.Vare</u>
43	TE E&TC	LANDGE ANNU D.		<u>Landge</u>	<u>Landge</u>	<u>Landge</u>	<u>Landge</u>
44	TE E&TC	KHOPADE SWAPNIL S.		<u>Khopade</u>	<u>Khopade</u>	<u>Khopade</u>	<u>Khopade</u>
45	TE MECH	DABADE SUSHANT K.		<u>Dabade</u>	<u>Dabade</u>	<u>Dabade</u>	<u>Dabade</u>
46	TE E&TC	DHAVAL POOJA V.		<u>Dhaval</u>	<u>Dhaval</u>	<u>Dhaval</u>	<u>Dhaval</u>
47	TE E&TC	NIGADE SONALI P.		<u>Nigade</u>	<u>Nigade</u>	<u>Nigade</u>	<u>Nigade</u>
48	TE E&TC	JADHAV MONIKA M.		<u>Jadhav</u>	<u>Jadhav</u>	<u>Jadhav</u>	<u>Jadhav</u>
49	TE E&TC	DHAMAL RAKSHANDA V.		<u>Dhamal</u>	<u>Dhamal</u>	<u>Dhamal</u>	<u>Dhamal</u>
50	TE E&TC	SHIVATARE PRAJAKTA C.		<u>Shivatare</u>	<u>Shivatare</u>	<u>Shivatare</u>	<u>Shivatare</u>

D. D. Zagade  
Workshop Coordinator  
Prof. D. D. Zagade



J. B. Joshi  
Head  
Dept. of Mech. Engg.  
Mechanical Engineering Dept  
Shri Chhatrapati Shivajiraje  
College of Engineering  
Dhangawadi Tal. Bhore  
Dist. Pune - 412206



**RAJGAD DNYANPEETH TECHNICAL CAMPUS, DHANGAWADI.**

Shri Chhatrapati Shivajiraje College of Engineering

Department of Mechanical Engineering

**Attendance Sheet for Workshop on Quad-Copter**

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			→				
51	TE E&TC	MALUSARE POOJA A.		malusare	malusare	malusare	malusare
52	TE E&TC	ASALEKAR PRACHI D.		ASALEKAR	ASALEKAR	ASALEKAR	ASALEKAR
53	TE E&TC	DHONDE VAIBHAV V.		Dhonde	Dhonde	Dhonde	Dhonde
54	TE E&TC	PATANE ANKITA A.		PATANE	PATANE	PATANE	PATANE
55	TE E&TC	KSHIRSAGAR JYOTI A.		KSHIRSAGAR	KSHIRSAGAR	KSHIRSAGAR	KSHIRSAGAR
56	TE E&TC	BATHE NISHA N.		Bathe	Bathe	Bathe	Bathe
57	TE E&TC	YADAV YOGESH S.		Yadav's	Yadav's	Yadav's	Yadav's
58	TE E&TC	TANPURE AKSHAY K.		Tanpure A.K.	Tanpure A.K.	Tanpure A.K.	Tanpure A.K.
59	TE E&TC	GHORE SAGAR S.		GHORE	GHORE	GHORE	GHORE
60	TE E&TC	LOKHANDE SAMEER A.		LOKHANDE	LOKHANDE	LOKHANDE	LOKHANDE
61	TE E&TC	PARTHE AKSHAY V.		Parthe	Parthe	Parthe	Parthe
62	TE E&TC	SHAHAPURE RAM P.		Shahapure	Shahapure	Shahapure	Shahapure
63	TE E&TC	MALI DIPAK B.		MALI	MALI	MALI	MALI
64	TE MECH	SHINDE SWAGAT A.		Shinde	Shinde	Shinde	Shinde
65	TE MECH	SALUNKE PRADIP A.		SALUNKE	SALUNKE	SALUNKE	SALUNKE
66	TE E&TC	BADE DEEPAK B.		Bade	Bade	Bade	Bade
67	TE E&TC	KHOPADE AMAR V.		KHOPADE	KHOPADE	KHOPADE	KHOPADE
68	TE E&TC	KUNJIR PRAVIN R.		KUNJIR	KUNJIR	KUNJIR	KUNJIR
69	TE MECH	BANGAR PRAVIN R.		BANGAR	BANGAR	BANGAR	BANGAR
70	TE MECH	JAGTAP ARADHYA ASHOK		Jagtap	Jagtap	Jagtap	Jagtap
71	TE E&TC	DHAMAL NIKHIL GANPAT		Dhamal	Dhamal	Dhamal	Dhamal

*D.D. Zagade*

**Workshop Coordinator**

**Prof. D. D. Zagade**



*Lo*  
**Head**

**Dept. of Mech. Engg.**  
**Mechanical Engineering Dept**  
**Shri Chhatrapati Shivajiraje**  
**College of Engineering**  
**Dhangawadi Tal. Bor**  
**Dist. Pune - 412236**



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T: 1800 - 3000 - 6788

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**PAN No: BELPG4911G**

Date: 30/09/2016

## INVOICE

Bill To:

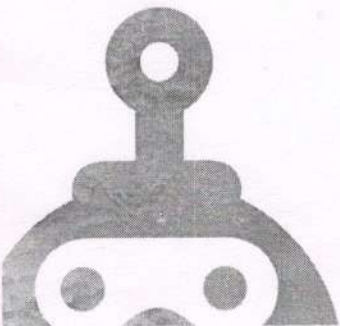
**RAJGAD TECHNICAL CAMPUS, BHOR, PUNE.**

Sr. No.	Description	No of Students Trained	Fees Per Student	Total Amount
1	Quad Copter	69	600/-	<b>INR 41,400/- Forty One Thousand Four Hundred Only</b>
Total Amount				<b>INR 41,400/- Forty One Thousand Four Hundred Only</b>

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*Shripati*  
 Hon. Secretary ~~President~~  
 Shri Chhatrapati Shivaji Rajgad Dnyanpeeth  
 College of Engineering

⑈033051⑈ 412016501⑈ 000003⑈ 31

Received  
 09/10/16  
 Harshad. R. Panday  
*Harshad*

॥ प्रत्यन्तिका ज्ञानमयः प्रद्विपः ॥

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



## Department of Mechanical Engineering

Date: -01/10/2016

To,  
The Head,  
ARK Techno Solution &  
Robocart.com  
E-Cell IIT Bombay.

Dear Sir,

We would like to take this opportunity to thank you on behalf of RDTC's SCSCOE; Dhangawadi for taking workshop on 'Design, Assembly & Testing of Quad Copter' gave to us from 28<sup>th</sup> September to 1<sup>st</sup> October 2016. It was obvious that you are extremely knowledgeable in your field. It saw everyone participated in workshop captivated by the sessions. We find that the whole area of your expertise in Robotics is truly fascinating and would ask that you consider a repeat performance at some future date.

Thanking you.



*Recd  
Akh*

*[Signature]*  
Prof. S. K. Pawar  
Head of Department  
Dept. of Mechanical Engineering  
Shri Chh. Shivajiraje College of Engg.  
Dhangawadi, Pune-412206





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# Certificate of Appreciation

**Presented to:**

**Prof. S. K. Pawar**  
( HOD MECHANICAL )

In recognition of outstanding support in  
organizing workshops for students, for the  
workshop QUADCOPTER  
areas of MECHANICAL.

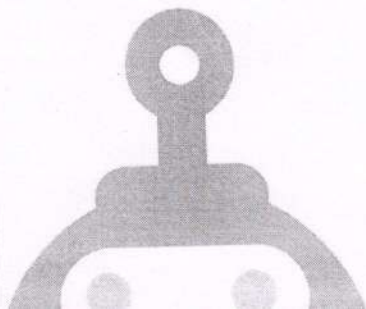
We are highly impressed  
with the coordination for organizing such activities

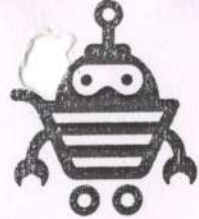
A handwritten signature in black ink, appearing to read "Chaitali Shah".

**Chaitali Shah**  
Director  
Robokart.com

A handwritten signature in black ink, appearing to read "V. Amrutwar".

**Venkatesh Amrutwar**  
Overall Co-ordinator  
E-Cell IIT Bombay





**RoboKart**  
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# Certificate of Participation

**Presented to:**

.....Marathe AKshay Sunil.....

participated in Quad-copter workshop..... at

RDTC'S SCSCOE..... conducted from

28-9-2016 to 1-10-2016..... organized by

**Robokart.com in association with E-Cell IIT Bombay**

**Chaitali Shah**  
Director  
Robokart.com

**Venkatesh Amrutwar**  
Overall Co-ordinator  
E-Cell IIT Bombay



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**ACADEMIC**

**YEAR**

**2017-18**



**Vernier Design Solutions Pvt.Ltd.**

804/8th Floor,Kumar Surabhi Near Laxminarayan  
Theater ,Satara Road,Swargate,Pune-411009  
Contact:-020-65211234  
Website:- www.verniercadd.com  
CIN:U74900PN2015PTC154486.

## Proposal

Date: - 18/11/2017

To,

HOD

Civil Department

Shree Chhatrapati shivajiraje College of engineering, Dhangawadi, Pune.

Sub: - MOU Proposal for CAD/CAE Skill improvement Program.

### ❖ SHREE CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING .– VERNIER DESIGN SOLUTIONS Pvt. Ltd. Pune COLLOBORATIVE

**SCSCOE College of engineering** is known for the best of Educational in Engineering domain and VDS known for its Technical Expertise are coming together to enable student know and study latest software's in CAD/CAM/CAE domain VERNIER DESIGN SOLUTIONS will educates students/participants on latest software's through our pool experts and industry experience Technical Lead-Faculties.

To enable smooth transitioning of knowledge to students each party have their specific duties and responsibilities to adhere. Following are set of guidelines on which this memorandum of understanding will be based.

### ❖ BENEFITS OF THESE PROGRAMS TO STUDENTS:

- Introduced by PTC, the creator of Creo (Formerly Pro engineer).
- Curriculum (Role Based) tailored to make students industry ready.
- Globally recognized PTC-branded certificates on successful completion.
- Opportunity to learn from qualified, competent instructors.
- Personal copy of study material and free creo student license.
- Professional Creo training at affordable price.
- Higher placement opportunities.
- Higher pay packages in campus placements.
- Window to latest Technologies.
- Multiple skills for better skilled jobs.
- Empowering College for preparing "JOB READY" Resources.



❖ **PROPOSAL FOR STUDENTS:**

No.	Name Of Course	Duration	Fees Per Student	College Share
1	Advance Auto CAD	40 hrs	3000/-	1000
2	Revit Arch	80hrs	4500/-	1000
3	Staad Pro	60 Hrs	4000/-	1000

❖ **FEES PAYMENTS:**

Fees can be paid directly to Vernier Design Solutions Pvt Ltd Payable at Pune. Payment can be made as CASH/Cheque/Demand Draft in favour of \_ Vernier Design Solutions PvtLtd \_ payable at Pune.



MANAGING DIRECTOR



Vernier Design Solutions Pvt Ltd.



**Principal**

Shri Chharrapati Shri -vijiraje College  
of Engineering, Dhaugawadi,  
Tal. Bhor, Dist. Pune.  
PRINCIPAL



## Vernier Design Solutions Pvt.Ltd.

804/8th Floor,Kumar Surabhi Near Laxminarayan  
Theater ,Satara Road.Swargate,Pune-411009  
Contact:-020-65211234  
Website:- [www.verniercadd.com](http://www.verniercadd.com)  
CIN:U74900PN2015PTC154486.

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### About Us:

Vernier Design Solutions is an **Authorized Training Centre and ISO9001:2001 Certified Company by ANSI**. We expertise in providing cutting edge solution in the latest technologies that caters to the needs of plastic, automobiles, manufacturing, casting tooling & Variety of other industries on **CAD CAM CAE and 3D printing platform**. CAD / CAM / CAE and 3D Printing have emerged as critical applications for manufacturers. Right from the stage of conceiving of the idea to designing the product with aesthetic appeal to developing the product level drawings and lastly to the validation/analysis stage, CAD / CAM / CAE play important roles. CAD/CAM/CAE applications lie at the core of today's product development and product lifecycle. Vernier Design Solutions with its specialization in CAD/CAM/CAE is well-positioned to help you tap into the power and versatility of CAD/CAM applications.

### Quality Goal:

At Vernier Design Solutions, quality is our main goal and we take pride in providing high quality products to our clients. While focusing on continuous improvement of our processes and customer satisfaction, we are committed to total quality and ensure quality standards are adhered to at all levels. At Vernier Design Solutions, quality policies are designed to be customer and process oriented. An integrated system is applied throughout Vernier Solutions management and employees are committed to providing customers with outstanding tools, products and services by way of stringent adherence to established quality. The objective is to strive for zero defects, focus on efficiency, performance, creativity and business excellence, build tools with high reliability and performance and be the preferred service provider for repeat business. At Vernier Design Solutions, we are committed to deliver outstanding results on time-and every time, exceeding your expectations.



#### ❖ SCOPE OF ASSOCIATION :

Talent enriching specialized courses will be provided to all Engineering Fields Mechanical, Information Technology, Civil/Architectural, Electrical, Electronic, Instrumentation and Polymer.

#### ❖ DELIVERABLES – VERNIER DESIGN SOLUTIONS

- Industry Expert trainer for best of knowledge transfer.
- Certificates.
- Post-Training support for queries and projects guidance.
- Especially Designed notes for through understanding of Subject.
- Industry Expert to take seminar on latest in particular Technology.

#### ❖ SCSCOE COLLEGE OF ENGINEERING TO PROVIDE

- A Conductive atmosphere for student to learn technology.
- Adequate no. of pc's with relevant software.
- Ensuring staff support for smooth transition of knowledge.

#### ❖ DURATION:

Duration of Course will be linked to course completion. Training will be conducted in college campus. Students will be trained in batches depending upon nos. of Students Enrolled.

#### ❖ LIAISONING AND OPERATIONS :

VERNIER DESIGN SOLUTIONS will appoint a dedicated Technical Leader who will be communicating and can act as mediator for various operational points, between College Management, Students and Vernier design solutions Staff. If needed department can also appoint similar position staff for smooth function of process.

# 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: 18/11/2017

## INVITATION

To,

Swapnil Pankhe

Vernier Design Solution Pvt. Ltd,

Swaragate, Pune

**Subject:** Invitation for conducting STAAD PRO Course.

**Ref:** Your telephonic discussion with Prof. S. R. Sutar on 15 Nov. 2017

Respected sir,

This gives Department of Civil Engineering of SCSCOE, great pleasure to request you to conduct certified course Program as **STAAD PRO V8i** for Third year civil students in SCSCOE, Dhangawadi. We will be thankful to you if you can schedule this program of 50hrs on each Saturday and Sunday of February and March of 2018

Therefore we request you to kindly send your resume. We are looking forward to meet you soon and get enlightened with your experience.

Thanking you.

**Prof. S. R. Sutar**

Coordinator

Yours Faithfully,

**Prof. G. S. Jadhav**

**Head of Department**  
Dept. of Civil Engineering  
Shri Chh. Shivajiraje College of Engg.  
Dhangawadi, Pune-412206



Received  
Swapnil



Rajgad Dnyanpeeth's

**SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING**

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

---


Date: 18/11/2017

**NOTICE**

All students of TE Civil hereby informed that we are going to start STAAD PRO certified courses program in our department at Computer Lab those students are interested kindly contact to Prof. S. R. Sutar (Contact No. 9096246540)

  
**Prof. S. R. Sutar**  
Coordinator



  
**Prof. G. S. Jadhav**  
**Head of Department**  
Dept. of Civil Engineering  
Shri Chh. Shivajiraje College of Engg.  
Dhangawadi, Pune-412206

# VDS,PUNE

## STAAD-PRO

Trainer Name: ANIL MULE (BE. CIVIL)

### Schedule

Date	Contents	TIME
3/02/2018	<b>Introduction to STAAD-PRO</b>	10 AM to 5 PM
	Basic Indian codes	
	Introduction of Tool	
	Grid system	
	Method of Drafting	
	snap node/ beam	
	cut copy paste	
	run structure wizard	
	Translation repeat	
4/02/2018	<b>Model Generation</b>	10 AM to 5 PM
	Automatic slab generation	
	create properties	
	Assigning properties to member	
	create Support	
	Assigning support system	
	create load	
	Dead load, Liveload, Wind load	
	Assigning load cases	
	Dead load, Liveload, Wind load	
	Creating load combination	
10/02/2018	<b>Additional load</b>	10 AM to 5 PM
	Seismic load	
	Floor load	
11/02/2018	<b>Analysis</b>	10 AM to 5 PM
	Display of reaction, displacement	





17/02/2018	<b><u>Concrete design</u></b>	10 AM to 5 PM
	Concept of $F_c$ , $F_{y\text{main}}$ & $F_{y\text{sec}}$	
	Select parameter	
	Defining parameter	
	Assigning design process for column	
	Assigning design process for beam	
24/02/2018	<b><u>Report And Water tank</u></b>	10 AM to 5 PM
	Rectangular water tank	
	Creating model of tank	
	Introduction to surface meshing	
	Adding of column & beam	
	Assign hydrostatic load	
17/03/2018	<b><u>Steel truss</u></b>	10 AM to 5 PM
	Geometry of trusses	
	Member properties from steel table	
	loading on truss	
	Assigning DL, LL & WL	
	Assigning of load combination	
	Analysis	
	Steel design	
24/03/2018	<b><u>Import of Auto-Cad plan</u></b>	10 AM to 5 PM
	Additional	
	Foundation design	



Rajgad Dnyanpeeth's

**SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING**

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

---

**REPORT ON, "STAAD PROSHORT TERM COURSE"**

**NAME OF EXPERT/GUEST:** Swapnil Pankhe, Vernier Design Solution Pvt. Ltd, Swaragate, Pune  
Abhijit Gaikwad, Vernier Design Solution Pvt. Ltd, Swaragate, Pune  
Anil Mule, Trainer, Vernier Design Solution Pvt. Ltd, Pune

**TITLE/TOPIC:** Short Term Course on "STAAD PRO Course"

**DAY & DATE:** Wednesday – 03<sup>rd</sup> Feb 2018 to 25<sup>th</sup> March 2018

**SESSION VENUE:** Computer Lab

**DURATION OF SESSION:** 50Hrs, Saturday & Sunday at 11 am -5 pm

**PRESENT STUDENTS/STAFF:** 14/04

**OBJECTIVE:** To train the students in structural Modeling, Designing and Analysis, Integrated Design and Finite Element Analysis.

**DESCRIPTION:** With the help of this students to have reasonably good knowledge in "Strength of Materials" and should have a good concept of loads, Shear force & Bending Moment, Deflection, Degree of freedom, Supports, Constraints and little FEA concepts. Analyse and design any beam with any loading type and any kind of supports.

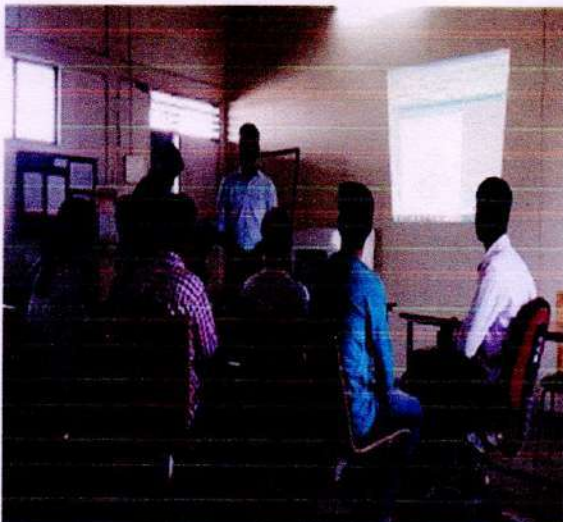
- Analyse and design any 2D Frame with any loading type for any load sets.
- Analyse and design any plan (3D) of a RCC building for static, earthquake & wind loads.
- Analyse steel structures with truss elements.
- Analyse steel structures with beam elements.
- Analyse 3D Industrial Steel truss structures.
- Analyse bridge truss for moving loads.
- Analyse dome shape structures or any structure with plate elements

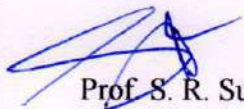
**CONCLUSION:** This course covers the complete analysis and design of RCC structures.

**PHOTO DURING SESSION:**








  
Prof. S. R. Sutar  
Coordinator



  
Prof. G. S. Jadhav  
Head of Department  
Dept. of Civil Engineering  
Shri Chh. Shivajiraje College of Engg.  
Pune-412206



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

**STUDENTS ATTENDANCE SHEET - STADD Pro.**

A.Y.-2017-18

SR. NO	STUDENTS NAME	CONDUCTION DATE											
		3-Feb	4-Feb	10-Feb	11-Feb	17-Feb	18-Feb	24-Feb	25-Feb	17-Mar	18-Mar	24-Mar	25-Mar
1	TALEKAR ANIKET DHARMARAJ	P	P	P	P	-	P	-	P	P	P	-	P
2	SONDKAR SHEKHAR SAMBHAJI	P	P	P	P	-	P	-	P	P	P	P	P
3	AMBOLE NIKHIL MADHUKAR	P	-	P	P	-	P	-	P	P	P	-	P
4	RAWALEKAR POOJA PRAVIN	P	-	P	P	P	P	-	P	P	P	-	P
5	JAVALE DIPAK POPAT	P	P	P	P	P	P	P	P	P	P	P	P
6	SHIRKE PRASHANT SAMPAT	P	P	P	P	-	P	-	P	P	P	P	P
7	KHATAVKAR NAVANATH D.	P	-	P	P	-	P	-	P	P	P	P	P
8	JAGTAP DIPTI CHANDRAKANT	P	P	-	-	P	-	P	-	-	-	P	-
9	YADAV SHUBHAM VILAS	P	P	P	P	-	P	-	P	P	P	P	P
10	SHIRASKAR SAMEER TUKARM	P	P	P	P	P	P	P	P	P	P	P	P
11	GAUDGAO ASHPAK DAUD	P	P	P	P	P	P	-	P	P	P	P	P
12	CHOPADE SUPRIYA PREETAM	P	-	P	P	P	P	P	P	P	P	-	P
13	SAIYED FARAZ ALIMUDDIN	-	P	P	P	P	P	P	P	P	P	-	P
14	BORANA VINOD KEVALCHAND	-	-	-	-	P	-	-	-	-	-	P	-



Prof. S.R. Sutar



॥ प्रयत्नवितो ज्ञानमयः प्रदियः ॥

Rajgad Dnyanpeeth's

# Shri Chhatrapati Shivajiraje College of Engineering

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Dr. Bhagyashree s. Patil  
Hon. secretary

Anantrao Thopte  
Founder President  
Ex. Education Minister  
Maharashtra State



Date: 24/03/2018

## CODUCTION

To,

Swapnil Pankhe

Vernier Design Solution Pvt. Ltd,

Swaragate, Pune

**Subject:** Expression of gratitude

Dear Sir,

On behalf of Institute, It gives me an immense pleasure to thank you for sparing your valuable time with us and sharing your experiences. We express our immense gratitude for having you at our college to conduct a fabulous session on "STAAD PRO V8i" dated on 03/02/2018 to 24/03/2018. It was our pleasure for having a person like you at our institute. We take this opportunity to tell you this with pride that our student thoroughly enjoyed your entire session. We would like to know if you ever need our support.

We look forward for your expertise in future educational endeavors

Thanking you.

Yours Sincerely,

Prof. G. S. Jadhav

**Head of Department**

Dept. of Civil Engineering  
Shri Chh. Shivajiraje College of Engg.  
Dhangawadi, Pune-412206



Received  
Swapnil

Rajgad Dnyanpeeth's

**SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING**

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

“STAAD PRO”.

Student Feedback Form

Students are required to rate the course on the following attributes using the 4 -point scale shown.

Course: [tick (✓) in the relevant cell]

Parameters	A Very Good	B Good	C Satisfactory	D Unsatisfactory
1. Overall rating of the course content	✓			
2. Course objectives were clear		✓		
3. Clarity and relevance of textual reading material	✓			
4. The teacher was effective in communicating the content of the course	✓			
5. The teacher responded to questions in an informative, appropriate and satisfactory manner.	✓			
6. Do you have any suggestions for future workshops that you would like us to organize?	Yes, Useful to Job			
7. Would you recommend this course to other students?				
Any Other Comments-				





Rajgad Dnyanpeeth's

**SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING**

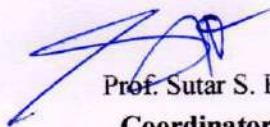
Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (Maharashtra)

**Department: Civil Engineering**


**LIST OF STUDENTS ENROLL FOR STADD PRO (CERT. COURSE)**

**AMOUNT RECIEVED FOR CERTIFICATE COURSE**

Sr. no.	Name of Student	Fees		Fees Paid	Remark
		Course fees	College Share		
1	CHOPADE SUPRIYA PRITAM	3000 /-	1000 /-	4000 /-	Completed
2	JAGTAP DIPTI CHANDRAKANT	3000 /-	1000 /-	4000 /-	Completed
3	YADAV SHUBHAM VILAS	3000 /-	1000 /-	4000 /-	Completed
4	RAWAT.FEKAR POOJA PRAVIN	3000 /-	1000 /-	4000 /-	Completed
5	JAVALE DIPAK POPAT	3000 /-	1000 /-	4000 /-	Completed
6	AMBOLE NIKHIL MADHUKAR	3000 /-	1000 /-	4000 /-	Completed
7	BORANA VINOD KEVALCHAND	3000 /-	1000 /-	4000 /-	Completed
8	GAUDGAO ASHPAK DAUD	3000 /-	1000 /-	4000 /-	Completed
9	SAIYED FARAZ ALIMUDDIN	3000 /-	1000 /-	4000 /-	Completed
10	SHIRKE PRASHANT SAMPAT	3000 /-	1000 /-	4000 /-	Completed
11	SHIRASKAR SAMEER TUKARAM	3000 /-	1000 /-	4000 /-	Completed
12	SONDKAR SHEKHAR SAMBHAJI	3000 /-	1000 /-	4000 /-	Completed
13	TALEKAR ANIKET DHARMARAJ	3000 /-	1000 /-	4000 /-	Completed
14	KHATAVKAR NAVNATH D	3000 /-	1000 /-	4000 /-	Completed
	<b>TOTAL</b>	<b>42,000 /-</b>	<b>14,000 /-</b>	<b>56,000 /-</b>	

  
Prof. Sutar S. R.  
Coordinator



  
Prof. G. S. Jadhav

**Head of Department**  
Dept. of Civil Engineering  
Shri Chh. Shivajiraje College of Engg.  
Dhangawadi, Pune-412206





Vernier Design Solutions Pvt Ltd.

In Association With

Shri Chhatrapati Shivajiraje College of Engineering



# Certificate of Completion

*This is to certify that, Mr/Ms SHEETAL V. SALUNKHE has  
Successfully completed the 50 hrs course on Staad Pro V8i held at  
Shri Chhatrapati Shivajiraje College of Engineering, Bhor.  
From 10th feb to 5th march 2018.*



Prof. G.S. Uadhav

Head Of the Department

Shri Chhatrapati Shivajiraje College of Engineering, Bhor.

Mr.S.S.Panke  
Director


VDS Pvt Ltd, Pune.



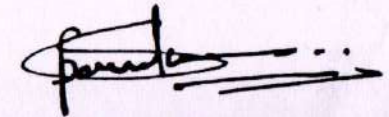
# Certificate of Completion

*This is to certify that, Mr/Ms JAGTAP DIPTI CHANDRAKANT has  
Successfully completed the 50 hrs course on Staad Pro V8i held at  
Shri Chhatrapati Shivajiraje College of Engineering, Bhor.  
From 10th feb to 5th march 2018.*



  
Prof. G.S. Jadhav  
Head Of the Department

Shri Chhatrapati Shivajiraje College of Engineering, Bhor.



Mr. S.S. Panke  
Director  
VDS Pvt Ltd, Pune.





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# Certificate of Completion

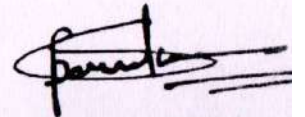
*This is to certify that, Mr/Ms BORANA VINOD KEVALCHAND has  
Successfully completed the 50 hrs course on Staad Pro V8i held at  
Shri Chhatrapati Shivajiraje College of Engineering, Bhor.  
From 10th feb to 5th march 2018.*



  
Prof. G.S. Jadhav

Head Of the Department

Shri Chhatrapati Shivajiraje College of Engineering, Bhor.



Mr. S.S. Panke  
Director

VDS Pvt Ltd, Pune



# 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



Department of Mechanical Engineering

Date: 15/02/2018

## INVITATION LETTER

To

The Head

M-CAD Training Institute,

Bhor, 412206.

**Subject:** Invitation for conducting workshop on "Computer Aided Design using CATIA & AutoCAD".


Dear Sir,

It gives us immense pleasure to announce that Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engineering, Department of Mechanical Engineering has scheduled a workshop on "Computer Aided Design using CATIA & AutoCAD" for students of our department.

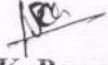
Please, accept this invitation and acknowledge the same.

Thanking You,

Yours truly,

  
Prof. M. B. Bankar  
Workshop Coordinator



  
Prof. S. K. Pawar  
Head of Department  
Dept. of Mechanical Engineering  
Shri Chh. Shivajiraje College of Engg.  
Dhangawadi, Pune-412206

Received  
Hagtap

Rajgad Dnyanpeeth's

**SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING**

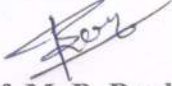
Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (Maharashtra)

**Department of Mechanical Engineering**

Date: 27/02/2018

**NOTICE**

Department of Mechanical Engineering is going to organize a workshop on “Computer Aided Design using CATIA & AutoCAD” by M-CAD Training Institute, Bhor from 17<sup>th</sup> March to 29<sup>th</sup> April 2018 every Saturday & Sunday. All the student of Mechanical Engineering, those who want to participate in this workshop is register your name and contact number to Prof. M. B. Bankar on or before 15<sup>th</sup> March 2018.

  
**Prof. M. B. Bankar**  
**Workshop Coordinator**



  
**Prof. S. K. Pawar**  
**Head of Department**  
Dept. of Mechanical Engineering  
Shri Chh. Shivajiraje College of Engg.  
Dhangawadi, Pune-412206



**REPORT OF WORKSHOP ON "COMPUTER AIDED DESIGN"**

**DEPARTMENT:** Mechanical Engineering

**CLASS:** B.E. Mechanical

**NAME OF GUEST/EXPERT:** Mr. Vishal Jagtap, Head, M-CAD Training Institute, Bhore.

**TITLE OF SESSION:** Computer Aided Design using CATIA & AutoCAD

**DAY & DATE:** 23 Feb 2018

**STUDENT PRESENT:** 40

**COORDINATOR:** Prof. M. B. Bankar

**OBJECTIVE:** Industrial Exposure to Solid Modeling for BE Students.

**DISCRIPTION:**

**Workshop on "Computer Aided Design using CATIA & AutoCAD" Organized by  
Dept. of Mechanical Engineering  
In Association with M-CAD Training Institute, Bhore.  
17th March 2018 to 29th April 2018**

A Workshop on "Computer Aided Design using CATIA & AutoCAD" Organized by Department of Mechanical Engineering In Association with M-CAD Training Institute, Bhore. 17th March 2018 to 29th April 2018). Expert, Mr. Vishal Jagtap, Head, M-CAD Training Institute, who is having real time experience in modeling, worked as onsite deputation Engineer with Global team projects were contributor with significant responsibilities and ownership in designing or engineering the components for Aerospace, Power & water & Automotive industries have been invited as resource person.

The Program was started with formal inauguration addressing the participants by the HOD of Mechanical Engineering Prof. S. K. Pawar. Overview of the program and introduction of the Expert from, M-CAD Training Institute was given by Prof. M. B. Bankar Program Coordinator.

Total 15 students were attended Computer Aided Design using CATIA & AutoCAD program. The workshop was arranged in two sessions per week. In the first session was Introduction, Parametric Sketching, Parametric solid modeling, Advance solid modeling tools and Introduction of Surface were discussed. The second session of the workshop was devoted to the practicals on CATIA V5.


The program was interactive and the students are very well technically benefitted from the training. Many real time case studies were discussed and few assignments are given to participants to provide the solutions during the program.

At the end of the training the participants will have: Understanding of CATIA VS interface and application of commands for the following modules Sketcher, Part Design, Assembly Design & Drafting.




**PHOTO'S DURING SESSION:**



  
Prof. M. B. Bankar  
Program Coordinator



  
Prof. S. K. Pawar  
**Head of Department**  
Dept. of Mechanical Engineering  
Shri Chh. Shivajiraje College of Engg.  
Dhangawadi, Pune-412206



Rajgad Dnyanpeeth's

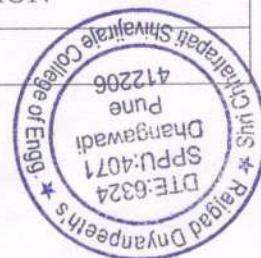
**SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING**

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

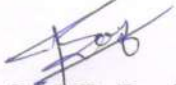
**Department of Mechanical Engineering**

Date: 27/02/2018

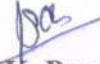
SYLLABUS COVERED DURING WORKSHOP	
DATE	SYLLABUS
17 <sup>TH</sup> MARCH 2018	<b>CATIA</b> a) INTRODUCTION b) SOFTWARE OVERVIEW c) PLANE CREATION RESIZING d) VIEW & APPEARANCE
18 <sup>TH</sup> MARCH 2018	a) SKETCHER
24 <sup>TH</sup> MARCH 2018	a) TRANSFORMATION FEATURES b) SPECIFICATION TREES c) CONSTRAINTS
25 <sup>TH</sup> MARCH 2018	a) PART DESIGN
31 <sup>ST</sup> MARCH 2018	a) ASSEMBLY
1 <sup>ST</sup> APRIL 2018	a) ADVANCED PART DESIGN TOOLS
7 APRIL 2018	a) WIREFRAME & SURFACE TOOLS
8 <sup>TH</sup> APRIL 2018	a) SHEET METAL DESIGN
14 <sup>TH</sup> APRIL 2018	a) DMU KINEMATIC SIMULATIONS b) MOLD DESIGN c) VARIOUS WELDING WORKS
15 <sup>TH</sup> APRIL 2018	a) DRAFTING
21 <sup>ST</sup> APRIL 2018	a) ASSIGN MATERIALS b) GEOMETRICAL MASS MEASUREMENTS c) CRITICAL MASS PROPERTIES d) PRODUCT FUNCTIONAL ANNOTATION
22 <sup>ND</sup> APRIL 2018	a) PRACTICE FROM WORKBOOK



28 <sup>TH</sup> APRIL 2018	<b>AUTOCAD</b> <ul style="list-style-type: none"> <li>a) INTRODUCTION</li> <li>b) UNITS &amp; LIMITS</li> <li>c) DRAW TOOLS</li> <li>d) MODIFY</li> <li>e) DIMENSION &amp; ANNOTATION</li> </ul>
29 <sup>TH</sup> APRIL 2018	<ul style="list-style-type: none"> <li>a) TOOL PALLETES</li> <li>b) LAYERS</li> <li>c) 3D MODELING</li> <li>d) PRACTICE OF EXCERSIZES</li> </ul>

  
**Prof. M. B. Bankar**  
**Workshop Coordinator**



  
**Prof. S. K. Pawar**  
**Head of Department**  
 Dept. of Mechanical Engineering  
 Shri Chh. Shivajiraje College of Engg.  
 Dhangawadi, Pune-412206



Rajgad Dnyanpeeth's  
**RAJGAD DNYANPEETH TECHNICAL CAMPUS, DHANU GAWADI.**  
 Shri Chhatrapati Shivajiraje College of Engineering  
 Department of Mechanical Engineering

**Attendance Sheet for Workshop on CAD using CATIA & AutoCAD**

Sr.No.	Class	Name of Student	Date	17/3/18	18/3/18	24/3/18	25/3/18	31/3/18	1/4/18	7/4/18	8/4/18	14/4/18	15/4/18
1	BE	Shinde Akshay Dattarao		ADS	ADS	ADS	ADS	ADS	ADS	ADS	ADS	ADS	ADS
2	BE	Shinde Narendra Sahebrao		AB	AB	AB	AB	-AB-	AB	AB	AB	AB	AB
3	BE	Ahire Vishal Suresh		V.S.AHIRE	V.S.AHIRE	V.S.AHIRE	V.S.AHIRE	-AB-	V.S.AHIRE	V.S.AHIRE	V.S.AHIRE	V.S.AHIRE	V.S.AHIRE
4	TE	Amit Vilas Chavan		Acham	Acham	Acham	Acham	Acham	Acham	Acham	Acham	Acham	Acham
5	TE	Sumit Vilas Chavan		Sumit	Sumit	Sumit	Sumit	Sumit	Sumit	Sumit	Sumit	Sumit	Sumit
6	TE	Jagtap Dattatray Vitthal		DJagtap	DJagtap	DJagtap	DJagtap	DJagtap	DJagtap	DJagtap	DJagtap	DJagtap	DJagtap
7	BE	Vane Sagar Babasaheb		VB	VB	VB	VB	VB	VB	VB	VB	VB	VB
8	BE	Patil Milind Shrimant		Milind	Milind	Milind	Milind	Milind	Milind	Milind	Milind	Milind	Milind
9	BE	Jadhav Ajay Ramdas		ARJadhav	ARJadhav	ARJadhav	ARJadhav	ARJadhav	ARJadhav	-AB-	ARJadhav	ARJadhav	ARJadhav
10	BE	Sadanand Krishnat Kumbhar		SKK	SKK	SKK	SKK	SKK	SKK	SKK	SKK	SKK	SKK
11	BE	Pawar Sumit Bhavso		PSB	PSB	PSB	PSB	PSB	PSB	PSB	PSB	PSB	PSB
12	BE	Babar Akshay Vijay		AB	AB	AB	AB	AB	AB	-AB-	AB	AB	AB
13	BE	Pawar Suraj Jalindar		SJ Pawar	SJ Pawar	SJ Pawar	SJ Pawar	SJ Pawar	SJ Pawar	SJ Pawar	-AB-	SJ Pawar	SJ Pawar
14	BE	Vishnu Indrajit More		VIM	VIM	VIM	VIM	VIM	VIM	VIM	VIM	VIM	VIM
15	BE	Shubham Laxman Mandhare		MSL	MSL	MSL	MSL	MSL	MSL	-AB-	MSL	MSL	MSL

*Bankar*  
**Workshop Coordinator**  
**Prof. M. B. Bankar**




*borla*  
**HOD**  
**Mechanical Engineering Dept**  
**Shri Chhatrapati Shivajiraje**  
**College of Engineering**  
**Dept. of Mech. Engg.**  
 Pune - 412256



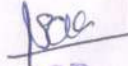
Rajgad Dnyanpeeth's  
**RAJGAD DNYANPEETH TECHNICAL CAMPUS, DELGAWADI.**  
 Shri Chhatrapati Shivajiraje College of Engineering  
 Department of Mechanical Engineering

**Attendance Sheet for Workshop on CAD using CATIA & AutoCAD**

Sr.No.	Class	Name of Student	Date	21/4/18	22/4/18	28/4/18	29/4/18						
1	BE	Shinde Akshay Dattarao		ADS	ADS	ADS	ADS						
2	BE	Shinde Narendra Sahebrao		AB	AB	AB	AB						
3	BE	Ahire Vishal Suresh		V.S.AHIRE	V.S.AHIRE	V.S.AHIRE	V.S.AHIRE						
4	TE	Amit Vilas Chavan		Ac	Ac	Achav	Achav						
5	TE	Sumit Vilas Chavan		Scit	Scit	Scit	Scit						
6	TE	Jagtap Dattatray Vitthal		DJagtap	DJagtap	DJagtap	DJagtap						
7	BE	Vane Sagar Babasaheb		VB	VB	VB	VB						
8	BE	Patil Milind Shrimant		Milind	Milind	Milind	Milind						
9	BE	Jadhav Ajay Ramdas		ARTADHAV	ARTADHAV	ARTADHAV	ARTADHAV						
10	BE	Sadanand Krishnat Kumbhar		AB	SKK	SKK	SKK						
11	BE	Pawar Sumit Bhavso		PSB	PSB	AB	PSB						
12	BE	Babar Akshay Vijay		AB	AB	AB	AB						
13	BE	Pawar Suraj Jalindar		AB	SURPAWAR	SURPAWAR	SURPAWAR						
14	BE	Vishnu Indrajit More		VIM	VIM	VIM	VIM						
15	BE	Shubham Laxman Mandhare		MSL	MSL	AB	MSL						

  
**Workshop Coordinator**  
 Prof. M. B. Bankar



  
 HOD  
 Mechanical Engineering Dept  
 Shri Chhatrapati Shivajiraje  
 College of Engineering  
 Head  
 Dept. of Mech. Enggs  
 Dist. Pune - 412205



# 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



## Department of Mechanical Engineering

Date: 04/05/2018

To

The Head,

M-CAD Training Institute,

Bhor, 412206.


Dear Sir

We would like to this opportunity to thank you on behalf of RD's SCSCOE Dhangawadi for taking workshop on 'Computer Aided Design using CATIA & AutoCAD' gave to us from 17<sup>th</sup> March to 29<sup>th</sup> April 2018. It was obvious that you are extremely knowledgeable in your field. It saw everyone participated in workshop captivated by the sessions. We find that the whole area of your expertise in CAD is truly fascinating and would ask that consider a recent performance at some future date.

Thanking you,

Received  
Vijayap



  
Prof. S. K. Pawar  
Head of Department  
Dept. of Mechanical Engineering  
Shri Chh. Shivajiraje College of Engg.  
Dhangawadi, Pune-412206





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GOVT. OF MAHARASHTRA REG. No. : SAN/MRJ/GNL/O/343/2004

FOREIGN AUTHORITY APPROVED & AN ISO 9001 : 2015 CERTIFIED

# MAHARASHTRA TECHNICAL & SELF EMPLOYMENT TRAINING SOCIETY (MTSTS)

## Certificate

*This is to certify that*

**VANE SAGAR BABASAHEB**

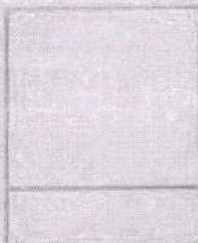
*Has successfully completed and Passed the examination for*  
**MTSTS & IAO USA CERTIFIED - CERTIFICATE COURSE IN CAD MODULING (6 DAYS)**

*With 95.00 percentage and Awarded with the grade A++*

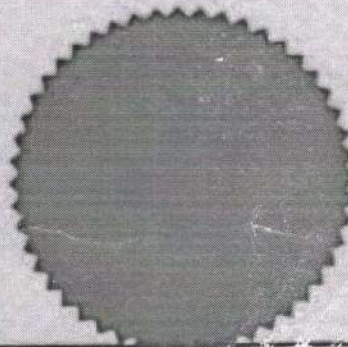
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*During* **April-2018** (DURATION- 01-Apr-2018 TO 30-Apr-2018)  
**AT - M-CAD INSTITUTE**

*In testimony whereof are set the seal & signature of the Director (MTSTS) Maharashtra State*

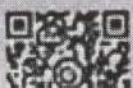


**Exam Center Head (ATC) Signature**  
Issued Date:- 31/07/2018

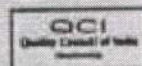


*[Signature]*

**Signature Valid**  
Digitally Signed  
Director MTSTS



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FOREIGN AUTHORITY APPROVED & AN ISO 9001 : 2015 CERTIFIED

# MAHARASHTRA TECHNICAL & SELF EMPLOYMENT TRAINING SOCIETY (MTSTS)

## Certificate

*This is to certify that*  
**JAGTAP DATTATRAY VITTHAL**

*Has successfully completed and Passed the examination for*  
**MTSTS & IAO USA CERTIFIED - CERTIFICATE COURSE IN CAD MODULING (6 DAYS)**

*With 95.00 percentage and Swarded with the grade* **A++**

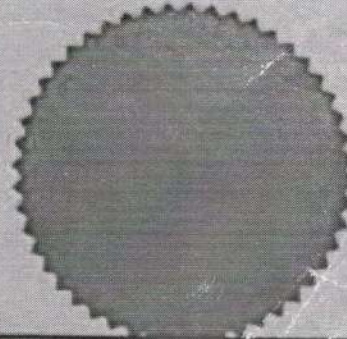
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*& Self Employment Training Society*

*During* **April-2018** (DURATION- 01Apr-2018 TO 30-Apr-2018)  
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*Director (MTSTS) Maharashtra State*



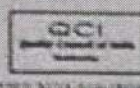
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(ATC) Signature  
Issued Date:- 31/07/2018



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Director MTSTS



LEGITIMATED







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GOVT. OF MAHARASHTRA REG. No. - SAN/MRJ/GNL/O/343/2014



FOREIGN AUTHORITY APPROVED & AN ISO 9001 : 2015 CERTIFIED

# MAHARASHTRA TECHNICAL & SELF EMPLOYMENT TRAINING SOCIETY (MTSTS)

## Certificate

*This is to certify that*

**PATIL MILIND SHRIMANT**

*Has successfully completed and Passed the examination for*  
**MTSTS & IAO USA CERTIFIED - CERTIFICATE COURSE IN CAD MODULING (6 DAYS)**

*With 92.00 percentage and Awarded with the grade A++*

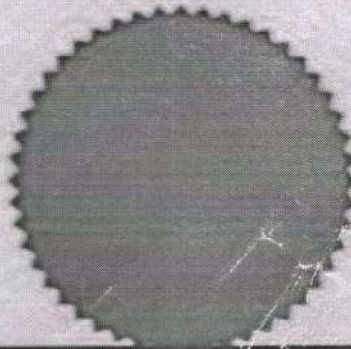
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*& Self Employment Training Society*

*During* **April-2018** (DURATION: 05-Apr-2018 TO 30-Apr-2018)  
**AT - M-CAD INSTITUTE**

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*Director (MTSTS) Maharashtra State*



Exam Center Head  
(ATC) Signature  
Issued Date: 21/07/2018



Signature Valid  
Digitally Signed  
Director MTSTS







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# MAHARASHTRA TECHNICAL & SELF EMPLOYMENT TRAINING SOCIETY (MTSTS)

## Certificate

*This is to certify that*

**JADHAV AJAY RAMDAS**

*Has successfully completed and Passed the examination for*  
**MTSTS & IAO USA CERTIFIED - CERTIFICATE COURSE IN CAD MODULING (6 DAYS)**

*With 95.00 percentage and Awarded with the grade A++*

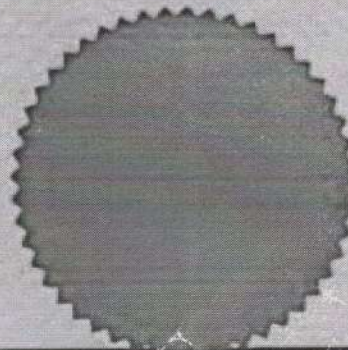
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*& Self Employment Training Society*

*During* **April-2018** (DURATION- 01-Apr-2018 TO 30-Apr-2018)  
**AT - M-CAD INSTITUTE**

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*Director (MTSTS) Maharashtra State*



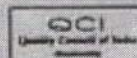
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(ATC) Signature  
Issued Date:- 31/07/2018



*[Signature]*  
Signature Valid  
Digitally Signed  
Director MTSTS



EDITED



QCI  
Quality Council of India  
CORP/NGO/546/2018-13







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# MAHARASHTRA TECHNICAL & SELF EMPLOYMENT TRAINING SOCIETY (MTSTS)

## Certificate

*This is to certify that*

**SADANAND KRISHNAT KUMBHAR**

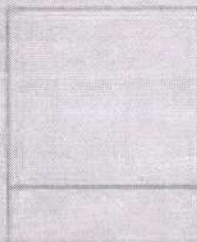
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*With 95.00 percentage and Awarded with the grade A++*

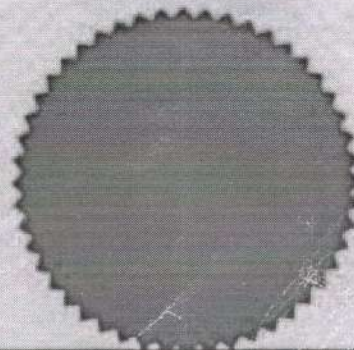
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*During* **April-2018** (DURATION- 01-Apr-2018 TO 30-Apr-2018)  
**AT - M-CAD INSTITUTE**

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*Director (MTSTS) Maharashtra State*



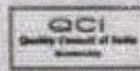
**Exam Center Head (ATC) Signature**  
Issued Date:- 31/07/2018



*[Signature]*  
**Signature Valid**  
Digitally Signed  
Director MTSTS



DETAILS







Rajgad Dnyanpeeth's  
Shri Chhatrapati Shivajiraje College of Engineering  
Dhangwadi, Tal-Bhor, Dist. – Pune – 412206.  
Department of Computer Engineering

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**NOTICE**

All Second Year students are hereby informed that Workshop on “Programming Languages-I (C and C++)” of One Week has been organized from 5<sup>th</sup> to 10<sup>th</sup> June, 2017 at 10.00 am. All are instructed to be present for the same.



Prof. M. B. Wagh

**HOD**  
**H.O.D**  
DEPT. OF COMPUTER ENGG.  
RDTC, Shri Chhatrapati Shivajiraje  
College of Engineering, Dhangwadi,  
Pune- 412206.

# 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



## INVITATION LETTER

Date: - 01/06/2017

To

Prof. N. J. Bhojane

Infinity Solutions Pvt. Ltd. Pune

**Subject:** Invitation for conducting Workshop on “Programming Languages-I(C, C++)”

Respected sir,

This gives Department of Computer Engineering of SCSCOE, great pleasure to request you to conduct workshop on Programming Languages-I (C and C++) for Second Year students in RD'S SCSCOE, Dhangawadi. We will be thankful to you if you can schedule it from 5<sup>th</sup> June 2017.

Waiting for your positive reply.

*Received*  
*N. Bhojane*



Prof. M. B. Wagh  
HOD

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



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Maharashtra State



## CONDUCTION LETTER

Date: - 10/06/2017

To,

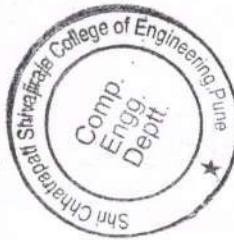
Prof. N. J. Bhojane


Infinity Solutions Pvt. Ltd. Pune

We express our immense gratitude for having you at our college to conduct a fabulous sessions on "Programming Languages-I(C, C++)". It was our pleasure for having a person like you at our institute. We take this opportunity to tell you this with pride that our student thoroughly enjoyed your entire sessions. We would like to know if you ever need our support.

Thank You so much.

*Received*  
*N. J. Bhojane*



  
Prof. M. B. Wagh

**Head of Department**  
**HOD**  
Dept. of Computer Engineering  
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**Schedule for Workshop on “PROGRAMMING LANGUAGES-I (C, C++)”**

**DAY 1 DATE: 05/06/2017**

DAY & SESSION	TIME	CONTENTS/ACTIVITY
<b>DAY 1 MORNING SESSION</b>	10.00 am to 11.00 am	Inauguration session and well come to guests
	11.00 am to 11.15 am	<b>Tea Break</b>
	11.15 am to 01.30 am	<b>Introduction of C Language</b> <ul style="list-style-type: none"> <li>• C Programming Under TurboC</li> <li>• Working under LINUX</li> <li>• Introduction to C compiling under LINUX</li> <li>• Compilation Steps</li> <li>• Introduction to anatomy of Simple C program</li> </ul>
	01.30 pm to 2.00 pm	<b>Lunch Break</b>
<b>DAY 1 AFTERNOON SESSION</b>	02.00 pm to 05.00 pm	<b>C Operators</b> <ul style="list-style-type: none"> <li>• Arithmetic Operators</li> <li>• Relational Operators</li> <li>• Logical Operators</li> <li>• Unary Operators</li> <li>• C language Opeartor Precedence Chart</li> <li>• Declaration of Storage Class</li> </ul> <b>Character Variable</b> <ul style="list-style-type: none"> <li>• ESCAPE character (OR) Special Character</li> <li>• Readymade functions to manipulate Symbolic Information</li> </ul>
<b>END DAY 1</b>		
<b>DAY 2 - DATE: 06/06/2017</b>		
<b>DAY 2 MORNING SESSION</b>	10.30 am to 01.30 pm	<b>Control Structure</b> <ul style="list-style-type: none"> <li>• The if condition</li> <li>• Labels</li> <li>• The goto statement</li> <li>• Switch Construct</li> </ul>

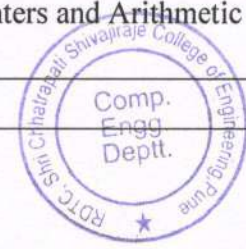






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	01.30 pm to 02.00 pm	<b>LUNCH BREAK</b>
<b>DAY 2 AFTERNOON SESSION</b>	02.00 pm to 05.00 pm	<b>While Loop</b> <ul style="list-style-type: none"> <li>• The while loop</li> <li>• The break statement</li> <li>• Continue Statement</li> <li>• Nested While Loops</li> </ul> <b>The do-while Loop</b> <b>For Loop</b>
<b>END DAY 2</b>		
<b>DAY 3 – DATE: 07/06/2017</b>		
<b>DAY 3 MORNING SESSION</b>	10.30am to 01.30 pm	<b>Arrays</b> <ul style="list-style-type: none"> <li>• One dimensional Array</li> <li>• Two Dimensional Array</li> <li>• Multi- dimensional Array</li> </ul> <b>Function</b> <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Execution of program using Function</li> <li>• Passing 1-D Array</li> <li>• Passing 2-D Arrays to Function</li> </ul>
	01.30 pm to 02.00 pm	<b>LUNCH BREAK</b>
<b>DAY 3 AFTERNOON SESSION</b>	02.00 pm to 05.00 pm	<b>Recursive Functions</b> <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Mutual Recursive</li> <li>• Tail Recursive</li> </ul> <b>Pointers</b> <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Passing Pointers to Functions</li> <li>• Dynamic Memory Allocation</li> <li>• Precedence of Operators on Pointers and Arithmetic of pointers</li> </ul>
<b>END DAY 3</b>		





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DAY & SESSION	TIME	CONTENTS/ACTIVITY
<b>DAY 4 MORNING SESSION</b>	10.00 am to 1.30 pm	<b>Beginning with C++</b> <ol style="list-style-type: none"> <li>1. Introduction</li> <li>2. Simple program in C++</li> <li>3. Structure of C++ Program</li> <li>4. Compilation and Linking</li> </ol> <b>Tokens , Expression and Control Structures</b> <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Tokens</li> <li>• Basic Data types</li> <li>• User-defined Data types</li> <li>• Derived Data types</li> <li>• Scope Resolution Operator</li> </ul>
	01.30 pm to 02.00 pm	<b>LUNCH BREAK</b>
<b>DAY 4 AFTERNOON SESSION</b>	02.00 pm to 05.00 pm	<b>Function in C++</b> <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Inline Function</li> <li>• Function Prototyping</li> <li>• Call By Reference</li> <li>• Inline Functions</li> <li>• Function Overloading</li> <li>• Friend Function</li> </ul> <b>Classes and Objects</b> <ul style="list-style-type: none"> <li>• Introduction</li> <li>• A C++ program with classes</li> <li>• Arrays within classes</li> <li>• Use of Data members and member functions</li> </ul>
<b>END DAY 4</b>		
<b>DAY 5 - DATE: 09/06/2017</b>		
	10.00 am to 01.30 pm	<b>Constructors and Destructors</b> <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Constructors</li> <li>• Parameterized Constructor</li> <li>• Copy Constructors</li> </ul>







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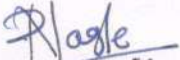
<b>DAY 5 MORNING SESSION</b>		<ul style="list-style-type: none"> <li>• Constructor with Default Argument</li> <li>• Destructors</li> </ul> <b>Operator Overloading</b> <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Defining Operator Overloading</li> </ul> <b>Inheritance</b> <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Defining Derived Classes</li> <li>• Types of Inheritance</li> </ul>
	01.30 pm to 02.00 pm	<b>LUNCH BREAK</b>
<b>DAY 5 AFTERNOON SESSION</b>	02.00 pm to 05.00 pm	<b>Pointers, Virtual Functions and Polymorphism</b> <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Pointers</li> <li>• Pointers to Objects</li> <li>• This Pointer</li> <li>• Pointers to derived classes</li> <li>• Virtual Functions</li> </ul>
<b>END DAY 5</b>		
<b>DAY 6 – DATE: 10/06/2017</b>		
<b>DAY 6 MORNING SESSION</b>	10.00am to 01.30 pm	<b>Working with Files</b> <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Classes for File Stream Operators</li> <li>• Opening and Closing Files</li> <li>• Detection end-of-file</li> <li>• File Pointer and their manipulations</li> <li>• Updating Files</li> <li>• Error Handling during File Operations</li> <li>• Command Line Arguments</li> </ul>
	01.30 pm to 02.00 pm	<b>LUNCH BREAK</b>
		<b>Templates</b> <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Class Templates</li> <li>• Function Templates</li> </ul> <b>Exception Handling</b>






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<b>DAY 6 AFTERNOON SESSION</b>	02.00 pm to 05.00 pm	<ul style="list-style-type: none"><li>• Introduction</li><li>• Basics of Exception Handling</li><li>• Exception Handling Mechanism</li><li>• Throwing Mechanism</li><li>• Catching Mechanism</li><li>• Rethrowing Mechanism</li><li>• Specifying Exception</li></ul>
<b>END DAY 6</b>		

  
Prof. P. S. Nagale  
Co-ordinator



  
17/04/2017  
Prof. M. B. Wagh

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**Workshop on "Programming Languages-I (C, C++)".**

**Student Attendance Sheet**

Sr. No.	Name of Student	05/06/2017		06/06/2017		07/06/2017	
		Session1 Sign	Session2 Sign	Session1 Sign	Session2 Sign	Session1 Sign	Session2 Sign
1	Asabe Mayuri Ashok	<del>Asabe</del>	<del>Asabe</del>	<del>Asabe</del>	<del>Asabe</del>	<del>Asabe</del>	<del>Asabe</del>
2	Bhate Rohan Prasannakumar	<del>Rohan</del>	-A	A	<del>Rohan</del>	<del>Rohan</del>	<del>Rohan</del>
3	Bhutkar Aishwarya Raghunandan	<del>AL</del>	<del>AL</del>	<del>AL</del>	<del>AL</del>	<del>AL</del>	<del>AL</del>
4	Damgude Diptee Arun	<del>Diptee</del>	<del>Diptee</del>	<del>Diptee</del>	<del>Diptee</del>	<del>Diptee</del>	<del>Diptee</del>
5	Deshmane Akshata Sanjay	<del>Feshan</del>	<del>ses</del>	<del>sch</del>	<del>Feshan</del>	<del>Feshan</del>	<del>Feshan</del>
6	Deshmane Manoj Chandrakant	A	A	A	A	A	A
7	Devalekar Komal Suresh	<del>POD.</del>	<del>POD.</del>	<del>POD.</del>	<del>POD.</del>	<del>POD.</del>	<del>POD.</del>
8	Dhanawale Sagar Dnyanoba	<del>\$</del>	<del>\$</del>	<del>\$</del>	<del>\$</del>	<del>\$</del>	<del>\$</del>
9	Dhondge Kaustubh Virendra	A	A	A	A	A	A
10	Ghule Ajay Dinkar	<del>Ajay</del>	<del>Ajay</del>	<del>Ajay</del>	<del>Ajay</del>	<del>Ajay</del>	<del>Ajay</del>
11	Kadekar Gausmohammad Innuskhan	<del>ABSENT</del>					
12	Khude Ankita Sunil	<del>Khude</del>	<del>Khude</del>	<del>Khude</del>	<del>Khude</del>	<del>Khude</del>	<del>Khude</del>
13	Khude Dipali Chhaban	<del>Dhude</del>	<del>Dhude</del>	<del>Dhude</del>	<del>Dhude</del>	<del>Dhude</del>	<del>Dhude</del>
14	Kumbhar Akshay Gurudev	<del>Akshay</del>	<del>Akshay</del>	<del>Akshay</del>	<del>Akshay</del>	<del>Akshay</del>	<del>Akshay</del>
15	Mhasavade Arati Milind	<del>Amhasavade</del>	<del>Amhasavade</del>	<del>Amhasavade</del>	<del>Amhasavade</del>	<del>Amhasavade</del>	<del>Amhasavade</del>
16	More Ajinkya Namdeo	<del>More</del>	<del>More</del>	<del>More</del>	<del>More</del>	<del>More</del>	<del>More</del>
17	Patil Pavan Dhanaji	<del>Pavai</del>	<del>Pavai</del>	<del>Pavai</del>	<del>Pavai</del>	<del>Pavai</del>	<del>Pavai</del>
18	Patil Rupesh Ramesh	<del>Rpatil</del>	<del>Rpatil</del>	<del>Rpatil</del>	<del>Rpatil</del>	<del>Rpatil</del>	<del>Rpatil</del>
19	Pawar Snehal Laxman	<del>sahal</del>	<del>sahal</del>	<del>sahal</del>	<del>sahal</del>	<del>sahal</del>	<del>sahal</del>
20	Pawar Trupti Vikas	<del>Pawan</del>	<del>Pawan</del>	<del>Pawan</del>	<del>Pawan</del>	<del>Pawan</del>	<del>Pawan</del>
21	Pawar Vaishali Sanjay	<del>Havare</del>	<del>Havare</del>	<del>Havare</del>	<del>Havare</del>	<del>Havare</del>	<del>Havare</del>
22	Phadnis Swapnali Sudhir	<del>Shadnis</del>	<del>Shadnis</del>	<del>Shadnis</del>	<del>Shadnis</del>	<del>Shadnis</del>	<del>Shadnis</del>
23	Phase Vishakha Audumbar	A	A	A	A	A	A
24	Roman Snehal Ravindra	<del>Roman</del>	<del>Roman</del>	<del>Roman</del>	<del>Roman</del>	<del>Roman</del>	<del>Roman</del>
25	Salekar Rupali Balu	<del>Res</del>	<del>Res</del>	<del>Res</del>	<del>Res</del>	<del>Res</del>	<del>Res</del>
26	Salunke Pragati Sampat	<del>Praagati</del>	<del>Praagati</del>	<del>Praagati</del>	<del>Praagati</del>	<del>Praagati</del>	<del>Praagati</del>
27	Sathe Sunny Somnath	A	A	A	A	A	A
28	Shaikh Tamanna Anwar	<del>Shailch</del>	<del>Shailch</del>	<del>Shailch</del>	<del>Shailch</del>	<del>Shailch</del>	<del>Shailch</del>
29	Shinde Tejaswini Popat	<del>ISP</del>	<del>ISP</del>	<del>ISP</del>	<del>ISP</del>	<del>ISP</del>	<del>ISP</del>
30	Shivankar Ankita Vinayak	A	A	A	A	A	A
31	Surve Ashlesha Devidas	<del>Shurve</del>	<del>Shurve</del>	<del>Shurve</del>	<del>Shurve</del>	<del>Shurve</del>	<del>Shurve</del>





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32	Surve Omkar Shashank	Omkar	Omkar	Omkar	Omkar	Omkar	Omkar
33	Thakare Priyanka Shashikant	Pri	Pri	Pri	Pri	Pri	Pri
34	Yadav Krishna Ramdhani	Krishna	Krishna	Krishna	Krishna	Krishna	Krishna
35	Yadav Prajwal Shankar	yadav	yadav	yadav	yadav	yadav	yadav
36	Yadav Tanuja Dnyaneshwar	Yadav	Yadav	Yadav	Yadav	Yadav	Yadav





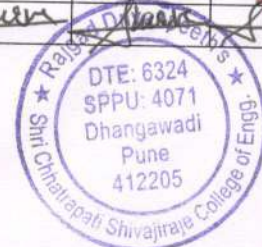


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		Session1 Sign	Session2 Sign	Session1 Sign	Session2 Sign	Session1 Sign	Session2 Sign
1	Asabe Mayuri Ashok	<u>Asabe</u>	<u>Asabe</u>	<u>Asabe</u>	<u>Asabe</u>	<u>Asabe</u>	<u>Asabe</u>
2	Bhate Rohan Prasannakumar	<u>Rohan</u>	<u>Rohan</u>	<u>Rohan</u>	<u>Rohan</u>	<u>Rohan</u>	<u>Rohan</u>
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5	Deshmane Akshata Sanjay	<u>Feshman</u>	<u>Feshman</u>	<u>Feshman</u>	<u>Feshman</u>	<u>Feshman</u>	<u>Feshman</u>
6	Deshmane Manoj Chandrakant	<del>A</del>	<del>A</del>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>
7	Devalekar Komal Suresh	<u>KDP</u>	<u>KDP</u>	<u>KDP</u>	<u>KDP</u>	<u>KDP</u>	<u>KDP</u>
8	Dhanawale Sagar Dnyanoba	<u>S</u>	<u>S</u>	<u>S</u>	<u>S</u>	<u>S</u>	<u>S</u>
9	Dhondge Kaustubh Virendra	<del>A</del>	<del>A</del>	<del>AB</del>	<del>AB</del>	<del>AB</del>	<del>AB</del>
10	Ghule Ajay Dinkar	<u>Ajay</u>	<u>Ajay</u>	<u>Ajay</u>	<u>Ajay</u>	<u>Ajay</u>	<u>Ajay</u>
11	Kadekar Gausmohammad Innuskhan	<del>ABSENT</del>		<del>ABSENT</del>		<u>A</u>	<u>A</u>
12	Khude Ankita Sunil	<u>Khude</u>	<u>Khude</u>	<u>Khude</u>	<u>Khude</u>	<u>Khude</u>	<u>Khude</u>
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15	Mhasavade Arati Milind	<u>Amhasavade</u>	<u>Amhasavade</u>	<u>Amhasavade</u>	<u>Amhasavade</u>	<u>Amhasavade</u>	<u>Amhasavade</u>
16	More Ajinkya Namdeo	<u>More</u>	<u>More</u>	<u>More</u>	<u>More</u>	<u>More</u>	<u>More</u>
17	Patil Pavan Dhanaji	<u>Pavan</u>	<u>Pavan</u>	<u>Pavan</u>	<u>Pavan</u>	<u>Pavan</u>	<u>Pavan</u>
18	Patil Rupesh Ramesh	<u>Rupesh</u>	<u>Rupesh</u>	<u>Rupesh</u>	<u>Rupesh</u>	<u>Rupesh</u>	<u>Rupesh</u>
19	Pawar Snehal Laxman	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>
20	Pawar Trupti Vikas	<u>Trupti</u>	<u>Trupti</u>	<u>Trupti</u>	<u>Trupti</u>	<u>Trupti</u>	<u>Trupti</u>
21	Pawar Vaishali Sanjay	<u>Vaishali</u>	<u>Vaishali</u>	<u>Vaishali</u>	<u>Vaishali</u>	<u>Vaishali</u>	<u>Vaishali</u>
22	Phadnis Swapnali Sudhir	<u>Swapnali</u>	<u>Swapnali</u>	<u>Swapnali</u>	<u>Swapnali</u>	<u>Swapnali</u>	<u>Swapnali</u>
23	Phase Vishakha Audumbar	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>
24	Roman Snehal Ravindra	<u>Roman</u>	<u>Roman</u>	<u>Roman</u>	<u>Roman</u>	<u>Roman</u>	<u>Roman</u>
25	Salekar Rupali Balu	<u>Rupali</u>	<u>Rupali</u>	<u>Rupali</u>	<u>Rupali</u>	<u>Rupali</u>	<u>Rupali</u>
26	Salunke Pragati Sampat	<u>Pragati</u>	<u>Pragati</u>	<u>Pragati</u>	<u>Pragati</u>	<u>Pragati</u>	<u>Pragati</u>
27	Sathe Sunny Somnath	<u>A</u>	<u>Sathe</u>	<u>A</u>	<u>Sathe</u>	<u>A</u>	<u>Sathe</u>
28	Shaikh Tamanna Anwar	<u>Shaikh</u>	<u>Shaikh</u>	<u>Shaikh</u>	<u>Shaikh</u>	<u>Shaikh</u>	<u>Shaikh</u>
29	Shinde Tejaswini Popat	<u>Tejaswini</u>	<u>Tejaswini</u>	<u>Tejaswini</u>	<u>Tejaswini</u>	<u>Tejaswini</u>	<u>Tejaswini</u>
30	Shivankar Ankita Vinayak	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>
31	Surve Ashlesha Devidas	<u>Ashlesha</u>	<u>Ashlesha</u>	<u>Ashlesha</u>	<u>Ashlesha</u>	<u>Ashlesha</u>	<u>Ashlesha</u>





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32	Surve Omkar Shashank	<del>Omkar</del>	<del>Omkar</del>	<del>Omkar</del>	<del>Omkar</del>	<del>Omkar</del>	<del>Omkar</del>
33	Thakare Priyanka Shashikant	<del>Priyanka</del>	<del>Priyanka</del>	<del>Priyanka</del>	<del>Priyanka</del>	<del>Priyanka</del>	<del>Priyanka</del>
34	Yadav Krishna Ramdhani	<del>Krishna</del>	<del>Krishna</del>	<del>Krishna</del>	<del>Krishna</del>	<del>Krishna</del>	<del>Krishna</del>
35	Yadav Prajwal Shankar	<del>yadav</del>	<del>yadav</del>	<del>yadav</del>	<del>yadav</del>	<del>yadav</del>	<del>yadav</del>
36	Yadav Tanuja Dnyaneshwar	<del>yadav</del>	<del>yadav</del>	<del>yadav</del>	<del>yadav</del>	<del>yadav</del>	<del>yadav</del>







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Report of Workshop On “Programming Languages - I (C, C++)”

<u>DEPARTMENT</u>	:	Computer Engineering
<u>RESOURCE PERSON</u>	:	Prof. N. J. Bhojane (Infinity Solutions Pvt. Ltd. Pune)
<u>TITLE/TOPIC</u>	:	“Programming Languages - I (C, C++)”
<u>DATE</u>	:	05/06/2017 to 10/06/2017
<u>DURATION OF EVENT</u>	:	10.00 AM to 5.00 PM
<u>STUDENT PRESENT</u>	:	30
<u>CO-ORDINATOR</u>	:	Prof. P. S. Nagale
<u>PROGRAM OBJECTIVE</u>	:	“To understand concepts of C and C++”
<u>CONTENTS</u>	:	

**A. Introduction of C Language**

1. C Operators
2. Control Structure
3. Loops
4. Arrays
5. Function
6. Pointers


**B. Beginning with C++**

1. Tokens , Expression and Control Structures
2. Function in C++
3. Classes and Objects
4. Operator Overloading
5. Inheritance
6. Pointers, Virtual Functions and Polymorphism
7. Working with Files
8. Templates
9. Exception Handling


PROGRAM OUTCOMES : Students will understand the concept of C language and C++ Programming Language:

Photo During Session :



  
Prof. P. S. Nagale  
Co-ordinator



  
Prof. M. B. Wagh  
HOD





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**Department of Computer Engineering**

Workshop on “Programming Languages-I (C, C++)”.

Student Feedback Form

Students are required to rate the course on the following attributes using the 4 -point scale shown.

Course: [tick (✓) in the relevant cell]

Parameters	A Very Good	B Good	C Satisfactory	D Unsatisfactory
1. Overall rating of the course content	✓			
2. Course objectives were clear		✓		
3. Clarity and relevance of textual reading material	✓			
4. The teacher was effective in communicating the content of the course			✓	
5. The teacher responded to questions in an informative, appropriate and satisfactory manner.				✓
6. Do you have any suggestions for future workshops that you would like us to organize?	No Suggestion			
7. Would you recommend this course to other students?	Yes Definateley			
Any Other Comments-	Doubt cleared, Concept cleared.			

Thank you for participating, we appreciate your feedback!!!!!!!

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# Shri Chhatrapati Shivajiraje College of Engineering

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## CERTIFICATE


This is to certify that Tanuja D. Yadav

from Department of Computer Engg. has attended

One week workshop on Programming Language at this  
(C & C++)

College on 5<sup>th</sup> to 10<sup>th</sup> June 2017

  
Co - Ordinator

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



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## CERTIFICATE

This is to certify that Diptee Arun Damgude

from Dept. of Computer Engg. has attended

One Week Workshop on Programming Languages - In this  
(C & C++)

College on 5<sup>th</sup> to 10<sup>th</sup> June 2017



Co - Ordinator



Principal

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