

<b>Criteria 1.2.2:</b>	Number of Add on /Certificate programs offered during the last five years
<b>Findings of DVV</b>	<p>Provide Summary report of</p> <ol style="list-style-type: none"> <li>1) AUTOCAD 2D and 3D Drafting</li> <li>2) Ethical Hacking</li> <li>3) Big Data &amp; Hadoop</li> <li>4) SAP</li> <li>5) Introduction to C Language</li> <li>6) Product Development Life Cycle</li> <li>7) Robotics</li> <li>8) Electrical Wiring Systems</li> <li>9) Introduction to MATLAB</li> </ol> <p>along with duration and list of students enrolled.</p>
<b>Response/ Clarification</b>	1)Summary reports containing Syllabus, Schedule, Number of Students enrolled, List of Students of above listed Value Added Programmes are attached. <b>(Appendix-I)</b>

*GA2*  
IQAC Coordinator

**IQAC Coordinator**  
**S.B.Patil College of Engineering**  
**Vangali, Tal.Indapur, Dist.Pune**



*[Signature]*  
Principal

**PRINCIPAL**  
**S.B.Patil College of Engineering**  
**Vangali, Tal.Indapur, Dist.Pune**

# Appendix-I





SHAHAJIRAO PATIL VIKAS PRATISHTHAN

S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.

**2020-21**

**VAP**

1.2.2 Number of Add on /Certificate programs offered

1.2.3 Number of students enrolled in Certificate/ Add-on programs as against the total number of students

Name of Add on /Certificate programs offered	Duration	Number of students enrolled in the year	Number of Students completing the course in the year
AutoCAD Drafting	7/6/2021 to 12/6/2021	72	72
Ethical Hacking	3/4/2021 to 17/5/2021	61	61
Product Development Life Cycle	02/05/2020 to 19/11/2020	39	39
Robotics	02/05/2020 to 19/11/2020	25	25
Introduction to MATLAB	02/05/2020 to 20/02/2021	45	45



Principal

PRINCIPAL  
S.B.Patil College of Engineering  
Vangali, Tal.Indapur, Dist.Pune



SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**  
DEPARTMENT OF CIVIL ENGINEERING

ACA - R-38  
Rev : 00  
Date: 01.07.2014

**Notice-VAP**

Academic Year: 2020-21

Semester: I /II

Ref: SPVP/SBPCE/CIVIL/F10/

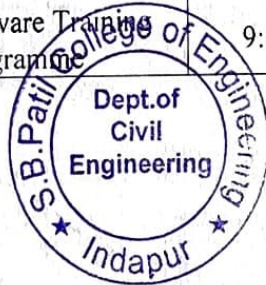
Date: 29/04/2020

All the students of SE/TE/BE herewith informed that we will have Value Added Program (VAP) along with your curricular subjects. The program will be conducted on first and third Saturday. All are requested to attend the lectures of same without fail. Details of the program as follow:

**The main objectives of the Value Added Program are:**

- To provide students an understanding of the expectations of industry.
- To improve employability skills of students.
- Understand how to prepare a detailed drawing, analysis and design for a different types of building.
- To bridge the software skill gaps and make students industry ready.

Sr. No.	Class	Value Added Program	Time	Co-ordinator
1	SE	Auto CAD Drafting	9:30 am to 3:00 pm	Prof. M.B.Katkar
2	TE	STAAD PRO Software	9:15 am to 4:00 pm	Prof. A.B.Rupnawar
3	BE	Etab Software Training Program	9:15 am to 5:00 pm	Prof. P.R.Admile



**Program Co-ordinator**  
Prof. P.R. Admile

**HOD**

Prof. R.B.Ghogare  
**Head**  
Department of Civil Engineering  
S.B.Patil College of Engineering Indapur

**Principal**

Prof.S.T.Shirkande  
**Principal**  
S.B.Patil College of Engineering  
Vangali, Tal. Indapur, Dist. Pune





SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**  
DEPARTMENT OF CIVIL ENGINEERING

ACA – R-  
Rev : 00  
Date: 01.07.2014

**VAP - SE**

Academic Year: 2020-21

Semester: I /II

Date: 02/06/2021

Ref: SPVP/SBPCOE/CIVIL/2020-21/

**Name of the Value Added Program:** Auto CAD Drafting

**Session:** 2020-21

**Duration:** 30 Hrs.

**Class:** SE Civil

**Program Coordinator:** Prof. M.B. Katkar

**Syllabus / Course Content**

Sr. No.	Course Content	Number of Hours
1.	Introduction of Auto CAD , Control the Drawing Change Views, Cartesian coordinate system, Modify commands, Annotate Dimension Style Manager, Annotate Dimension Style Manager,	5
2.	Text command Layers blocks, Text command Layers blocks, Text command Layers blocks, Text command Layers blocks,	5
3.	Text command Layers blocks, Building Plans, 2d drawings, 2d diagram, Create and Save Auto CAD, Create and Save Auto CAD	5
4.	Create and Save Auto CAD, Create and Save Auto CAD, Create and Save Auto CAD, residential buildings	5
5.	Institutional buildings, different types of residential buildings, duplex type house Elevations, door drawings windows,	5
6.	partitions foundation sub substructure, partitions foundation sub substructure, electrical plans, electrical plans	5

**Program Coordinator**

Prof. M.B.Katkar

**HOD**

Prof. R.B.Ghogare

**Principal**

Prof.S.T.Shirkande

Department of Civil Engineering  
S.B.Patil College of Engineering Indapur

Department of Civil Engineering  
S.B.Patil College of Engineering Indapur





SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**  
DEPARTMENT OF CIVIL ENGINEERING



**VAP Schedule - SE**

Date	Day	Time	Course Content
07/06/2021	1	09.00 am - 03.00 pm	AutoCAD versions Interface, Function keys AutoCAD basics, Absolute Coordinate System Relative Coordinate System, Line command Poly line command Rectangle command, Move, Rotate, Scale, copy, Mirror, erase, trim, extend, Aligned, Radius Angular, Arc length Line
08/06/2021	2	09.00 am - 03.00 pm	Single line text Multiline text Layer properties Insert blocks, Geometric, Dimensional Manage, Isometric top, left, right Isometric diagrams, Isometric diagrams exercise, Drawing units Sheet settings,
09/06/2021	3	09.00 am - 03.00 pm	Save files Export pdf plot, Drawing Area Setup Visual reference, grid snap mode, introduction to building drawing
10/06/2021	4	09.00 am - 03.00 pm	different types of buildings exercise - 1 planning house drawing rough sketch, floor plan, detached house semidetached house,
11/06/2021	5	09.00 am - 03.00 pm	drawing ground floor 1 <sup>st</sup> floor 2 <sup>nd</sup> floor, residential house public buildings, 1 <sup>st</sup> floor 2 <sup>nd</sup> floor elevation,
12/06/2021	6	09.00 am - 03.00 pm	door elevation Windows, Drawing partitions exercises, AutoCAD workspaces are sets of menus

Note: - Short Break Time: 11 to 11.15

Long Break Time: 12.15 to 01.00

  
Program Coordinator

Prof. M.B. Katkar

  
HOD

Prof. R.B. Ghogare

  
Principal

Prof. S.T. Shirkande

Prof. S.T. Shirkande

S. B. Patil College of Engineering  
Indapur, Tal. Indapur, Dist. Pune







SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**  
DEPARTMENT OF CIVIL ENGINEERING


**VAP Attendance – SE**


Sr.No.	Day -> Name of Student/ Day	1	2	3	4	5	6
1	Jagtap Akshay Rajendra	P	P	P	P	P	P
2	Gawade Vinod Lalaso	A	P	P	P	P	P
3	Ghadge Shrinivas Mallhari	P	A	P	P	P	P
4	Jadhav Pavan Satish	P	P	P	P	P	P
5	Godase Pradip Dhanaji	P	P	P	P	P	P
6	Ghogare Shubham Anil	P	P	P	P	P	P
7	Chandanshive Akash Subhash	P	A	P	P	P	P
8	Chavan Dnyanraj Jalindhar	P	P	P	P	P	P
9	Thengal Akshay Babasaheb	P	P	P	A	P	P
10	Gaikwad Samir Dattatraya	P	P	P	P	P	P
11	Kale Abhay Anil	P	.	P	P	P	P
12	Zagade Aniket Ratankumar	P	P	P	P	P	P
13	Gaikwad Sagar Mohan M	P	P	P	P	P	P
14	Sadafule Pravin Bhausaheb	P	P	A	P	P	P
15	Thorat Akanksha Kashinath	P	P	P	P	P	P
16	Tapare Sanchit Hanumant	P	.	P	P	P	P
17	Rananaware Abhishek Sudanrao	P	P	P	P	P	P
18	Tamboli Kaif Hanif	P	P	P	P	P	P
19	More Omkar Kalidas	P	P	P	A	P	P
20	Suryawanshi Vikas Laxman	P	.	P	P	P	P
21	Rupnawar Nivrutti Nanaso	P	P	P	P	P	P
22	Londhe Sanket Kisan	P	P	P	P	P	P
23	Shinde Anand Dattatray	P	.	P	P	P	P
24	Shaikh Sahir Ayub	P	P	P	A	P	P
25	Kamble Mahesh Rajendra	P	P	P	P	P	P
26	Devkar Sagar Pandurang	P	.	P	P	P	P
27	Pawar Ajay Bhimrao	P	P	P	P	P	P
28	Kokate Vivek Rohidas	A	P	P	P	P	P
29	Patil Kiran Kailas	P	P	P	A	P	P
30	Wagh Tejas Uttam	P	.	P	P	P	P
31	Patil Omkar Sunil	P	P	P	P	P	P
32	Shekhar Vishwajeet Satish	P	P	P	A	P	P
33	Mane Deshmukh Shishir Pramod	P	P	P	P	P	P
34	Kuber Vaibhav Devidas	P	.	P	A	P	P
35	Ghodake Suraj Kiran	P	P	P	P	P	P
36	Rokade Pritam Suhas	P	P	A	P	P	P
37	Amale Abhijeet Nana	P	P	P	P	P	P
38	Patil Pruthviraj Akshay	P	.	P	P	P	P
39	Shinde Akshay Bhairav	P	P	P	P	P	P
40	Shinde Vishwajeet Dhananjay	P	P	P	A	P	P
41	Raut Kiran Sanjay	A	P	P	P	P	P




SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**  
**DEPARTMENT OF CIVIL ENGINEERING**

Sr.No.	Day -> Name of Student/ Day	1	2	3	4	5	6
42	Kale Aniket Namdeo	A	P	P	P	P	P
43	Bhandalkar Aniket Abhimanyu	P	P	P	P	A	P
44	Devgire Rajendra Hanuman	P	P	P	P	P	P
45	Mane Anuradha Vilas	P	P	P	P	P	P
46	Bhosale Chaitrali Gopinath	P	P	P	A	P	P
47	Nalawade Nagraj Ramesh	P	P	P	P	P	P
48	Deokar Arpita Ajinath	P	P	P	P	P	P
49	Shaikh Rahatali Riyaz	P	P	A	P	P	P
50	Girigosavi Dipak Vyankat	P	P	P	P	P	P
51	Gaikwad Harshal Satish	A	P	P	P	P	P
52	Ghogare Kumar Shivaji	P	P	P	P	P	P
53	Hande Shubham Ajinath	P	P	P	P	P	P
54	Raut Kanchan Nagnath	P	P	P	P	P	P
55	Vyavahare Lalita Haridas	P	P	P	P	P	P
56	Chumble Arun Prakash	P	P	P	P	P	P
57	Ubale Vishal Pandurang	P	P	A	P	P	P
58	Patil Dnyaneshvar Sarjerav	P	P	P	P	P	P
59	Hogale Akshay Dattatray	P	P	P	P	P	P
60	Dardare Pradip Babu	P	P	P	P	P	P
61	Raut Suhas Hari	P	P	P	P	P	P
62	Dhole Avadhut Gopal	P	P	P	P	A	P
63	Khatake Manoj Anil	P	P	P	P	P	P
64	Dagade Prajakta Maruti	P	P	P	P	P	P
65	Shaikh Naushad Maheeb	P	P	P	P	P	P
66	Khurange Makarand Kishor	P	P	P	P	P	P
67	Ingole Ranjitsinh Kundlik	P	P	P	P	P	P
68	Kumbhar Rushikesh Sandeep	P	P	P	P	P	P
69	Kamble Aniket Chandrakant	P	P	P	P	P	P
70	Nanaware Pratiksha Ramesh	A	P	P	P	P	P
71	Ranavare Vishal Bhanudas	P	P	P	P	P	P
72	Shinde Ajit Tatyaso	P	P	P	P	P	P

  
Program Coordinator  
Prof. M.B. Katkar

  
HOD  
Prof. R.B. Ghogare

  
Principal  
Prof. S.T. Shirkande

**Head**  
Department of Civil Engineering  
S.B. Patil College of Engineering Indapur

S.B. Patil College of Engineering  
Vangani, Tal. Indapur, Dist. Pune







SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE**

ACA – R-49

Rev : 00

Date: 01.07.2014

**VAP Report-SE**

Academic Year: 2020-21

Semester: I/II

Ref: SPVP/SBPCOE/CIVIL/2020-21

Date: 14/06/2021

To,

The Principal,

SBPCOE,

Indapur.

**Subject: - Activity Report of Value Added Program on “Auto CAD Drafting” conducted from 07/06/2021 TO 12/06/2021**

Respected sir,

With reference to above mentioned subject Value Added Program conducted on “Auto CAD Drafting” from 07/06/2021 TO 12/06/2021 the final year students .

**Objectives:**

- The objective of this course is to teach students the basic commands and tools necessary for professional 2D and 3D drawing design and drafting using AutoCAD.
- After completing this course students will be able to Use AutoCAD. for daily working process
- Students will be able to Navigate throughout Autocad using major navigating tools

Prof. M.B Katkar was the event speaker .The speaker has delivered practical aspects of the Autocad in civil enngineering. This VAP consist of different command to be used for 2D and 3D drafting.This 2D and 3D drafting Commands are useful for drafting different civil engineering projects.

To make this event successful 65+ students were present. As a coordinator of this event ,I would like to thank our Management, Principal and our student volunteers for their support and continuous encouragement to organize this value added program .





SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE**



**Outcomes:**

- Demonstrate basic concepts of the AutoCAD software.
- Apply basic concepts to develop construction (drawing) techniques.
- Ability to manipulate drawings through editing and plotting techniques.

Thanking you

  
**Program Coordinator**

Prof.M.B.Katkar

  
**HOD**

Prof.R.B.Ghogare



  
Head  
Department of Civil Engineering  
S.B. Patil College of Engineering Indapur





SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE**

**Zoom Link & Attendance Screenshot:**

Join our Cloud HD Video Meeting

Zoom is the leader in modern enterprise video communications, with an easy, reliable cloud platform for video and audio conferencing, chat, and webinars across mobile, [us04web.zoom.us](https://us04web.zoom.us)

**MAHADEV KATKAR** is inviting you to a scheduled Zoom meeting.

Topic: Autocad Drafting (VAP)

Time: Jun 07, 2021 10:00 AM Mumbai, Kolkata, New Delhi

Join Zoom Meeting

[https://us04web.zoom.us/j/77473773137?](https://us04web.zoom.us/j/77473773137?pwd=9xur5HHPaHcnlEmG42AN_MxCznI7cO.1)

[pwd=9xur5HHPaHcnlEmG42AN\\_MxCznI7cO.1](https://us04web.zoom.us/j/77473773137?pwd=9xur5HHPaHcnlEmG42AN_MxCznI7cO.1)

Meeting ID: 774 7377 3137

Passcode: Mm57fk

  
Program Coordinator

Prof.M.B.Katkar

Head  
Department of Civil Engineering  
S.B. Patil College of Engineering Indapur



  
HOD

Prof.R.B.Ghogare  
Head

Department of Civil Engineering  
S.B. Patil College of Engineering Indapur



SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE

	Shishir P. Mane-Deshmukh 39 (me)	
	mahadev katkar (Host)	
	Abhijeet Amale 01	
	Abhishek Rananavare 48	
	Akanksha Thorat 68	
	Arun Chumble (6)	
	Chaltrali bhosale (3)	
	Dnyanraj Chavan (05)	
	Ghodake Suraj [18]	
	Kale Abhay 28	
	Kamble Aniket Chandrakant	
	Kanchan Raut 50	
	Kiran Patil (44)	
	Nagraj Nalawade 41	
	Prajakta Dagade [7]	
	Pruthviraj Patil 46	
	Sagar Devkar	
	Sagar Galkwad_14	
	SAHIR SHAIKH --58	
	Sanket Londhe (37)	
	Shaikh Naushad, 56	
	Shinde Anand 62	
	Shubham Hande 23	
	Tejas Wagh (71)	
	vishal ranavare (49)	
	Vishwjeet Shinde_63	

Invite

Program Coordinator

Prof.M.B.Katkar



HQD

Prof.R.B.Ghogare

Head

Department of Civil Engineering  
S.B.Patil College of Engineering Indapur



SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**

DEPARTMENT OF COMPUTER ENGINEERING

ACA - R-38  
Rev : 00  
Date: 01.07.2014

**Notice**

Academic Year: 2020-21

Semester: I & II

Ref: SPVP/SBPCOE/COMP/2020-21

Date: 25/03/2021

All the students of SE/TE/BE here by informed that we have planned Value Added Program (VAP) along with your curriculum. Attendance is mandatory for all.

**The main objectives of the Value Added Program are:**

- To provide software industry based training to students.
- To improve programming knowledge among students.
- To bridge the skill gaps and make students industry ready.
- To provide a software project base training.
- To improve employability skills of students

**Details of the program as follow:**

Sr. No.	Class	Value Added Program	Time	Coordinator
1	SE	Android Programming	03:00 pm to 05:00 pm	Prof. B. S. Salve
2	TE	Ethical Hacking	01:45 pm to 02:45 pm	Prof. J. N. Ekatpure
3	BE	QA- Software Testing	03:00 pm to 05:00 pm	Prof. G. G. Sayyad



VAP Coordinator

Prof. B. S. Salve

Prof. J. N. Ekatpure

Prof. G. G. Sayyad



H.O.D.

Prof. S. T. Shirkande

HEAD

Department of Computer Engineering, S.B. Patil College of Engineering  
S.B. Patil College of Engineering, Indapur, Tal. Indapur, Dist. Pune



Principal

Prof. S. T. Shirkande

PRINCIPAL





SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**

**DEPARTMENT OF COMPUTER ENGINEERING**

ACM – R-

Rev : 00

Date: 01.07.2014

**VAP- TE**

Academic Year: 2020-21

Semester: I /II

Ref: SPVP/SBPCOE/COMP/2020-21

Date: ~~26/03~~/2021

**Name of the Value Added Program: Ethical Hacking**

**Session: 2020-21**

**Duration: 27 Hrs.**

**Class: TE**

**Program Coordinator: Prof. J. N. Ekatpure**

**Syllabus/ Course Content**

Sr. No.	Course Content	Number of Hours
1.	Introduction to Ethical Hacking	2
2.	Foot printing and Reconnaissance	2
3.	Scanning Networks, Enumeration	2
4.	Vulnerability Analysis	2
5.	System Hacking	2
6.	Malware Threats, Sniffing	2
7.	Social Engineering	2
8.	Denial-of-Service	2
9.	Session Hijacking	2
10.	Evading IDS, Firewalls, and Honeypots	2
11.	Hacking Web Servers	2
12.	Hacking Web Applications	2
13.	SQL Injection	2
14.	Hacking Wireless Networks	2
15.	Hacking Mobile Platforms, IoT and OT Hacking	2

  
**Program Coordinator**

Prof. J. N. Ekatpure

  
**HOD**

Prof. S. T. Shirkande

  
**Principal**

Prof. S. T. Shirkande

**HEAD**  
Department of Computer Engineering  
S.B.Patil College of Engineering, Indapur

**PRINCIPAL**  
S.B.Patil College of Engineering  
Vangali, Tal. Indapur, Dist. Pune



SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**

**DEPARTMENT OF COMPUTER ENGINEERING**

S. B. PATIL

**VAP Schedule - TE**


Date	Day	Time	Course Content
03/04/2021	1	01.45 pm -02.45 pm	Introduction to Ethical Hacking
05/04/2021	2	01.45 pm -02.45 pm	Foot printing and Reconnaissance
06/04/2021	3	01.45 pm -02.45 pm	Foot printing and Reconnaissance
07/04/2021	4	01.45 pm -02.45 pm	Foot printing and its types How to perform foot printing?
09/04/2021	5	01.45 pm -02.45 pm	Foot printing and its types How to perform foot printing?
10/04/2021	6	03.00 pm -05.00 pm	Scanning Networks, Enumeration
12/04/2021	7	01.45 pm -02.45 pm	Vulnerability Analysis
16/04/2021	8	01.45 pm -02.45 pm	Vulnerability Analysis
17/04/2021	9	03.00 pm -05.00 pm	System Hacking
19/04/2021	10	01.45 pm -02.45 pm	Malware Threats
20/4/2021	11	01.45 pm -02.45 pm	Sniffing
23/04/2021	12	01.45 pm -02.45 pm	Social Engineering
24/04/2021	13	03.00 pm -05.00 pm	Social Engineering, Denial-of-Service intro.
26/04/2021	14	01.45 pm -02.45 pm	Denial-of-Service
27/04/2021	15	01.45 pm -02.45 pm	Session Hijacking
28/04/2021	16	01.45 pm -02.45 pm	Session Hijacking
30/04/2021	17	03.00 pm -05.00 pm	Evading IDS, Firewalls, and Honeypots
03/05/2021	18	01.45 pm -02.45 pm	Hacking Web Servers
04/05/2021	19	01.45 pm -02.45 pm	Hacking Web Servers
05/05/2021	20	01.45 pm -02.45 pm	Hacking Web Applications
07/05/2021	21	01.45 pm -02.45 pm	Hacking Web Applications
08/05/2021	22	03.00 pm -05.00 pm	SQL Injection
10/05/2021	23	01.45 pm -02.45 pm	Hacking Wireless Networks
11/05/2021	24	01.45 pm -02.45pm	Hacking Wireless Networks







SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**  
**DEPARTMENT OF COMPUTER ENGINEERING**

Date	Day	Time	Course Content
12/05/2021	25	01.45 pm -02.45pm	Hacking Mobile Platforms
15/05/2021	26	03.00 pm -5.00 pm	Hacking Mobile Platforms, IoT and OT Hacking
17/05/2021	27	01.45pm-02.45pm	IoT and OT Hacking

  
**Program Coordinator**  
Prof. J. N. Ekatpure

  
**HOD**  
Prof. S. T. Shirkande  
**HEAD**  
Department of Computer Engineering  
S.B. Patil College of Engineering, Indapur

  
**Principal**  
Prof. S. T. Shirkande  
**PRINCIPAL**  
S.B. Patil College of Engineering  
Vangali, Tal. Indapur, Dist. Pune




[illegible]






SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**  
**DEPARTMENT OF COMPUTER ENGINEERING**

Sr.N o.	Day → Name of Student	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	
40.	Vinayak Nale	P	P	P	.	P	P	P	.	P	P	P	P	.	P	P	P	P	.	P	P	P	P	P	P	P	P	P	P
41.	Geeta Narute	P	P	P	P	.	P	P	P	.	P	P	P	P	.	P	P	P	P	.	P	P	P	P	P	P	P	P	P
42.	Patil Padmaja	.	P	P	.	P	P	P	P	P	P	P	P	.	P	P	P	P	P	.	P	P	P	P	P	P	P	P	P
43.	Pawar Mayuri	P	.	P	P	P	.	P	P	P	.	P	P	P	.	P	P	P	P	.	P	P	P	P	P	P	P	P	P
44.	Pawar Shubham i	P	P	P	.	P	P	P	P	P	P	P	P	.	P	P	P	P	P	.	P	P	P	P	P	P	P	P	P
45.	Swapnja r Pawar	P	.	P	P	P	P	.	P	P	P	P	P	.	P	P	P	P	P	.	P	P	P	P	P	P	P	P	P
46.	Pushkraj Katkar	P	P	P	.	P	P	P	P	P	P	P	P	.	P	P	P	P	P	.	P	P	P	P	P	P	P	P	P
47.	Rohit Salunke	.	P	P	P	.	P	P	P	P	P	P	P	.	P	P	P	P	P	.	P	P	P	P	P	P	P	P	P
48.	Sawant Jyoti	P	.	P	P	P	.	P	P	P	P	P	P	.	P	P	P	P	P	.	P	P	P	P	P	P	P	P	P
49.	Sayyad Siddhika	P	.	P	P	P	P	.	P	P	P	P	P	.	P	P	P	P	P	.	P	P	P	P	P	P	P	P	P
50.	Sayyad Tanvir	P	P	.	P	P	P	P	.	P	P	P	P	.	P	P	P	P	P	.	P	P	P	P	P	P	P	P	P
51.	Shaikh Saniya	P	P	.	P	P	P	P	.	P	P	P	P	.	P	P	P	P	P	.	P	P	P	P	P	P	P	P	P
52.	Saurabh Shinde	P	P	P	P	.	P	P	P	P	P	P	P	.	P	P	P	P	P	.	P	P	P	P	P	P	P	P	P
53.	Swapnali Shinde	.	P	P	.	P	P	P	P	P	P	P	P	.	P	P	P	P	P	.	P	P	P	P	P	P	P	P	P
54.	Ayesha Iqbal	.	P	P	P	P	.	P	P	P	P	P	P	.	P	P	P	P	P	.	P	P	P	P	P	P	P	P	P
55.	Tamboli Saniya	P	P	.	P	P	P	P	.	P	P	P	P	.	P	P	P	P	P	.	P	P	P	P	P	P	P	P	P
56.	Vrushali Tavase	P	P	.	P	P	P	P	.	P	P	P	P	.	P	P	P	P	P	.	P	P	P	P	P	P	P	P	P
57.	Yadav Pawan	P	.	P	P	P	.	P	P	P	P	P	P	.	P	P	P	P	P	.	P	P	P	P	P	P	P	P	P
58.	Shivani Yadav	P	P	.	P	P	P	P	.	P	P	P	P	.	P	P	P	P	P	.	P	P	P	P	P	P	P	P	P
59.	Sanket Zambare	P	P	.	P	P	P	P	.	P	P	P	P	.	P	P	P	P	P	.	P	P	P	P	P	P	P	P	P
60.	Pawar Shivani	P	P	P	P	.	P	P	P	P	P	P	P	.	P	P	P	P	P	.	P	P	P	P	P	P	P	P	P
61.	Sonal Kadam	.	P	P	P	P	.	P	P	P	P	P	P	.	P	P	P	P	P	.	P	P	P	P	P	P	P	P	P

  
**Program Coordinator**  
 Prof. J. N. Ekatpure

  
**HOD**  
 Prof. S. T. Shirkande  
**HEAD**  
 Department of Computer Engineering  
 S.B. Patil College of Engineering, Indapur

  
**Principal**  
 Prof. S. T. Shirkande  
**PRINCIPAL**  
 S.B. Patil College of Engineering  
 Vangali, Tal. Indapur, Dist. Pune





SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE**  
**DEPARTMENT OF COMPUTER ENGINEERING**

ACA – R-49

Rev : 00

Date: 01.07.2014

**VAP Report-TE**

Academic Year: 2020-21

Semester: I/II

Date: 20/05/2021

Ref: SPVP/SBPCOE/COMP/2020-21

To,  
The Principal,  
SBPCOE,  
Indapur.

**Subject: - Activity Report of Value Added Program on “Ethical Hacking” conducted from 03/04/2021 to 17/05/2021**

Respected sir,

With reference to above mentioned subject Value Added Program conducted on “**Ethical Hacking**” from 03/04/2021 to 17/05/2021 the third year students .

**Objectives:**

- To Know the purpose and objective of ethical hacking and to evaluate the security of the system and identify vulnerabilities in target systems, networks or system infrastructure.
- To find and then attempt and exploit vulnerabilities to determine whether unauthorized access or other malicious activities are possible.

Prof. Shah. D. N was the event speaker .The speaker has delivered live demonstration on Ethical Hacking as well as provided basic and helpful information regarding Ethical Hacking to the students. He had also explained the various industry requirements and importance of data security from enemies and virus analysis.

To make this event successful 50+ students were present. As a coordinator of this event ,I would like to thank our Management, Principal and our student volunteers for their support and continuous encouragement to organize this value added program .




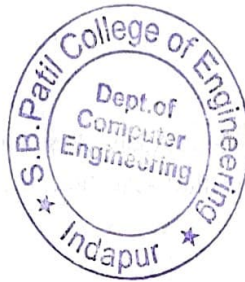
SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE**  
**DEPARTMENT OF COMPUTER ENGINEERING**


**Outcomes:**

- Students should understand the purpose and objective of ethical hacking and able to evaluate the security of system and identify vulnerabilities in target systems, networks or system infrastructure.
- Students should be able to attempt and exploit vulnerabilities and determine whether unauthorized access or other malicious activities are possible.

Thanking you

  
**Program Co-ordinator**  
Prof. J. N. Ekatpure



  
**HOD**  
Prof. S. T. Shirkande  
**HEAD**  
**Department of Computer Engineering**  
**S. B. Patil College of Engineering, Indapur**



SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE  
DEPARTMENT OF COMPUTER ENGINEERING

Zoom Attendance :

Close	Participants (23)	Close	Participants (23)
Q Search		Q Search	
Jalindar Ekatpure (Host, me)	>	Jalindar Ekatpure (Host, me)	>
01 Rahim Bagwan	>	01 Rahim Bagwan	>
02 Kunal Bodake	>	02 Kunal Bodake	>
05_Prasanna Dandavate	>	05_Prasanna Dandavate	>
10 Nikita Dhokare	>	10 Nikita Dhokare	>
13 Sakshi Gandhi	>	13 Sakshi Gandhi	>
18 Pooja Ingavale	>	18 Pooja Ingavale	>
19 Hrushikesh Jadhav	>	19 Hrushikesh Jadhav	>
20 Shweta Jadhav	>	20 Shweta Jadhav	>
22 Sayali Jagtap	>	22 Sayali Jagtap	>
23 Mayuri jare	>	23 Mayuri jare	>
Invite	Mute All ...	Invite	Mute All ...





3

SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**  
DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

ACA – R-38

Rev : 00

Date: 01.07.2014

Notice

Academic Year: 2020-21

Semester: I & II

Ref: SPVP/SBPCOE/ETC/2020-21

Date: 27/04/2020

All the students of SE/TE/BE herewith informed that we will have Value Added Program (VAP) along with your curricular subjects. All are requested to attend the lectures of same without fail. Details of the program as follow:

The main objectives of the Value Added Program are:

- To provide students an understanding of the expectations of industry.
- To improve employability skills of students.
- To bridge the skill gaps and make students industry ready.
- To provide an opportunity to students to develop inter-disciplinary skills.

Sr. No.	Class	Value Added Program	Coordinator
1	SE	Product Development Life Cycle	Prof. P.S.Togrikar
2	TE	Robotics	Prof. A.S.Zadbuke
3	BE	Embedded Systems	Prof. C.V.Nalawade

Program Coordinator

H.O.D

Prof. P.R.Taware

**HEAD**

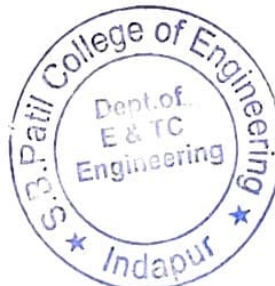
Department of E & TC Engineering  
S.B. Patil College of Engineering, Indapur.

Principal

Dr. P.D. Nemade

**Principal**

S.B. Patil College of Engineering  
Vangaki, Tal. Indapur, Dist. Pune





**SHAHAJIRAO PATIL VIKAS PRATISHTHAN**  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**

**DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING**

ACA – R-

Academic Year: 2020-2021

Rev : 00

**VAP-SE**

Semester: I & II

Date: 01.07.2014

Ref: SPVP/SBPCOE/E&TC/2020-21

Date: 27/4/2020

**Name of the Value Added Program:** Product Development Life Cycle

**Session:** 2020-21

**Duration:** 30 Hrs.

**Class:** SE

**Coordinator:** Prof. P. S. Togarikar

**Syllabus / Course Content**

Sr. No.	Course Content	Number of Hours
1.	Introduction to Product Development life cycle, Industrial design, user-centered design, five elements of successful design, Packaging and factors, assembly and disassembly, grounding, shielding	3
2.	Hardware Design & testing methods, . Identifying the requirements, formulating specifications, design specifications, System partitioning, Prototyping	3
3.	Software Design, Types of Software. Waterfall model of software development. Models, Good Programming practice. User interface .Embedded, Real time software.	7
4.	PCB design, Fundamental Definitions, Standards. Understand the electrical parameters, Creating the schematic, schematic capture tool to create your PCB layout., Design your PCB stackup, define design rules and requirements, Insert drill holes., Route the traces, Grounding Methodologies, Bypassing and decoupling	3
5.	Product Debugging and Testing, Steps of Debugging, Techniques for troubleshooting, Inspection and test of components, Simulation using Proteus software	6
6.	Hands on Testing methods, Prototyping and testing, Integration, validation and verification. Troubleshooting various points	4.
7	Documentation: need, and types of documentation. Records, Accountability, and Liability, Presentation, and Preservation of documents, Layout of documentation, Bill of material	5

**Program Coordinator**

Prof.P.S.Togrikar



**HOD**  
HEAD

Prof.A.S.Zadbuke

**Principal**  
Principal

S. B. Patil College of Engineering,  
Vangali, Tal. Indapur, Dist. Pune





**SHAHAJIRAO PATIL VIKAS PRATISHTHAN**  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**

**DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING**

**VAP Schedule -SE**

Date	Day	Time	Course Content
02/5/2020	1	3.00 pm to 5.00 pm	Introduction to Product Development life cycle 1a. Why we need to learn PDLC 1b. All the phases of PDLC explanation in detail
16/5/2020	1	3.00 pm to 5.00 pm	1c. Packaging and factors, design for manufacture, assembly and disassembly, wiring, grounding, filtering and shielding 2a. Identifying the requirements, formulating specifications 2b. Prototyping, testing & Troubleshooting ,enclosure design
06/6/2020	2	2.00 pm to 5.00 pm	3Software Design 3a. Waterfall model , Embedded, Real time software 3b. Introduction of Proteus software,GUI,all the functions
20/06/2020	3	4.00 pm to 5.00 pm	3. Fundamental Definitions, Standards. Understand the electrical parameters Introduction to Editor of Proteus,drawing of circuit diagram Circuit design using software tools
04/07/2020	4	3.00 pm to 5.00 pm.	4a. PCB design, Fundamental Definitions, Standards. Understand the electrical parameters
18/07/2020	5	3.00 pm to 5.00 pm.	5. PCB design using software tools proteus
01/08/2020	6	4.00 pm to 5.00 pm s.	5c. PCB fabrication as per design input, Define design rules and requirements Creating the schematic
15/08/2020	7	2.00 pm to 5.00 pm	5d. schematic capture tool to create your PCB layout (art work)
05/09/2020	8	4.00 pm to 5.00 pm	5g. Printing & Design your PCB stackup
19/09/2020	9	3.00 pm to 5.00 pm	5h. Etching
03/10/2020	10	45 mins.	6a. Inspection of process pcb,artwork
17/10/2020	11	2.00 pm to 5.00 pm	Insert drill holes (Drilling). Route the traces, Grounding Methodologies Bypassing and decoupling
07/11/2020	12	2.00 pm to 5.00 pm	Component Mounting and testing, Steps of Debugging
21/11/2020	13	3.00 pm to 4.30 pm	Techniques for troubleshooting, testing using electronic equipment & results analysis
05/11/2020	14	3.00 pm to 5.00 pm	Product Enclosure design, do's and don'ts ,Actual design of product
19/11/2020	15	2.00 pm to 5.00 pm	Documentation ,layout of PCB, sheets,reports,snaps

**Program Coordinator**

Prof.P.S.Togrikar

**HOD**

Prof.A.S.Zadbuke

**Principal**

S.B.Patil College of Engineering  
Vangali, Indapur, Dist Pune



**SHAHAJIRAO PATIL VIKAS PRATISHTHAN**  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**

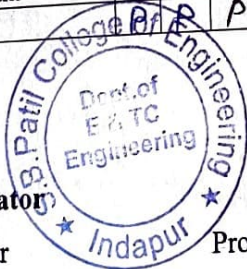
**DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING**

**VAP Attendance - SE**

Sr.No	Day -> Name of Student / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Bhosale Jyoti Sanjay	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
2	Gajare Swapnil Bandu	P	P	P	A	P	P	P	A	A	P	P	P	A	A	P	P
3	Kachare Arati Nana	P	P	P	P	P	P	P	P	P	P	A	A	P	A	P	A
4	Suraj Abhiman Magar	P	A	P	A	A	P	P	P	P	P	P	P	P	A	P	P
5	Mhaske Vishnu Nanabhau	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	Patil Pranav Jaywant	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	Gauri Dhanaji Pawar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
8	Tushar ankush petkar	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P
9	Sakshi Shashi Sawant	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
10	Shinde Neha Vilas	P	P	P	P	P	P	P	P	P	P	P	A	A	P	A	P
11	Avadhut Rajendra Tawate	P	P	A	P	P	P	P	P	A	P	P	P	P	P	A	P
12	Kavade Vaibhav Baban	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P
13	Sharanya Shashidhar Rao	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	Pardeshi Vishal Tanaji	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
15	Lokhande prathmesh sanjay	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A
16	Aishwarya Nagnath Bandgar.	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
17	Mayur Sunil Londhe	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	Dnyaneshwari Prashant Gite	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	Shinde ganesh	P	P	P	A	P	A	P	P	P	A	P	P	P	P	P	P
20	Ghodake Digvijay Maruti	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
21	Zagade Gauri Mahadev	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	Namde onkar vijay	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23	Ashwini shingate	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P
24	Sachin Ravindra Shingate	A	P	P	P	P	P	P	A	A	P	P	P	A	P	P	P
25	Babar Pranjali Ajinath	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26	Akash A. Gade	P	A	P	P	P	P	P	A	P	P	A	P	P	P	P	P
27	Omkar sondkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28	Jawale Omkar Tanaji	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P
29	Kawade Harshada Shridhar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30	Kamble vidya Rajendra	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31	Samadhan Navnath Babar	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
32	Amar Suresh Sable	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33	Vaishnavi Santosh Somase	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34	Late Rohini	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P
35	Pawar Sanjay Janardhan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
36	Yewale Kajal Dashrath	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
37	Jagtap snehal pandit	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
38	More Rushikesh Ramchandra	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39	Sarita Suryavanshi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

**Program Coordinator**

Prof.P.S.Togrikar



**HOD**

Prof.A.S.Zadbuke

HEAD

Department of E & TC Engineering  
 S.B. Patil College of Engineering, Indapur.

**Principal**

Dr. P. D. Nemade

S.B. Patil College of Engineering,  
 Vangali, Tal. Indapur, Dist. Pune





SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE**  
DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

ACA – R-49

Rev : 00

Date: 01.07.2014

**VAP Report-SE**

Academic Year: 2020-21

Semester: I/II

Ref: SPVP/SBPCOE/E & TC/2020-21

Date: 23/11/20

To,  
The Principal,  
SBPCOE,  
Indapur.

Subject: - Activity Report of Value Added Program on “ Product Development Life Cycle ”  
conducted from 02/05/2020 TO 19/11/2020

Respected sir,

With reference to above mentioned subject Value Added Program conducted on “Product Development Life Cycle” from 02/05/2020 TO 19/11/2020 the SE E&TC year students .

**Objectives:**

- To understand the stages of product (hardware/ software) design and development.
- To be acquainted with methods of PCB design and different tools used for PCB Design
- To understand the importance of testing in product design cycle.
- To understand the processes and importance of documentation

Prof. P.S.Togrikar as event speaker had delivered live demonstration on PCS design as well as provided basic and helpful information regarding how the product will designed form requirement to packaging as final product He had also explained the various industry requirements in the sector of product design and innovation .

To make this event successful 25+ students were present. As a coordinator of this event ,I would like to thank our Management, Principal and our student volunteers for their support and continuous encouragement to organize this value added program .






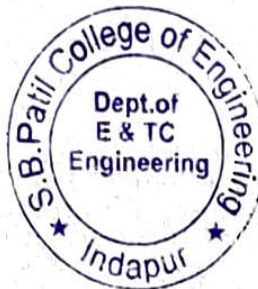
SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE**  
DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING


**Outcomes:**

- Understand various stages of hardware, software and PCB design
- Importance of product test & test specifications
- Special design considerations and importance of documentation

Thanking you

  
**Program Coordinator**  
Prof. P. S. Togrikar



  
**HOD**  
Prof. A. S. Zadbuke  
Department of E & TC Engineering  
S. B. Patil College of Engineering, Indapur.

**Zoom link & Attendance screenshot:**

**Join our Cloud HD Video Meeting**

Zoom is the leader in modern enterprise video communications, with an easy, reliable cloud platform for video and audio conferencing, chat and webinars.

Join Zoom Meeting

Togrikar is inviting you to a scheduled Zoom meeting.

Topic: Topic: Product Development Life Cycle  
Time: July 4, 2020 10:00 AM India

**Join Zoom Meeting**

[https://us04web.zoom.us/j/71229557491?](https://us04web.zoom.us/j/71229557491?pwd=c9ziW9KUFGS1cY_OjL7C0S7MlFuOj11)  
[pwd=c9ziW9KUFGS1cY\\_OjL7C0S7MlFuOj11](https://us04web.zoom.us/j/71229557491?pwd=c9ziW9KUFGS1cY_OjL7C0S7MlFuOj11)

Meeting ID: 712 2955 7491  
Passcode: q4Ha06

10:23 AM (11:00 AM)

Close Participants (20)

Search

Pradeep Togrikar (Host)

01-Jyoti Bhosale

04-Suraj Magar

06 - Pranav Patil

07-Gauri Pawar

08. Tushar Petkar

09-Sakshi Sawant

10-Neha shinde

12-Vaibhav Kavade

13 - Sharanya Rao

14-Vishal Pardeshi

15 Prathmesh Lokhande

10:23 AM (11:00 AM)

Close Participants (20)

10-Neha shinde

12-Vaibhav Kavade

13 - Sharanya Rao

14-Vishal Pardeshi

15 Prathmesh Lokhande

16-Aishwarya Bandgar

17 - Mayur Londhe

18-Dnyaneshwari Gite

35-sanju pawar

37 - sneha Jagtap

Grun Zagade

Kajal Yewale

Vaishnavi Somase

9:18 AM ✓

Invite Mute All ... Invite Mute All ...



ACA - R -

Rev : 00

Date: 01.07.2014

Class: TE

**VAP-TE**

Academic Year: 2020-21

Semester: I/II

Ref: SPVP/SBPCOE/2020-21

Date: 29/4/20

**Name of the Value Added Program: - Robotics**

**Session: 2020-21**

**Duration: -30 Hrs.**

**Class-TE**

**Coordinator: - Prof. A.S. Zadbuke**

**Syllabus/ Course Content**

Sr.No	Course Content	Number .Of Hours
1	Introduction to robotics and Application	2hrs
2	Important characteristics of a Robot, Classification of Robots	2hrs
3	Introduction to Firebird V robot , Installation of IDE and downloader software	2hrs
4	Programming in Embedded C Data types, variables, constants	2hrs
5	Logical and conditional operation, Looping ,functions	2hrs
6	Array, pointer and strings	2hrs
7	Input/output devices interfacing(Switch, LED ,Buzzer)	2hrs
8	Timer ,counter operations	2hrs
9	LCD display interfacing,PWM operation	2hrs
10	Sensors applications and interfacing ( IR, ultrasonic)	2hrs
11	Actuators applications and interfacing ( DC motor,sevomotor)	2hrs
12	Interfacing with mechanical components(gripper assembly), selection of components (I/O,sensors,Actuators microcontroller, material),	2hrs
13	Analog sensor interfacing using Analog to Digital Conversion(Temperature)	2hrs
14	White line sensor interfacing and Sharp sensor interfacing	2hrs
15	Application of Robot <ul style="list-style-type: none"> <li>Line Following Robot</li> <li>Obstacle Detection robot</li> <li>Pick and place robot using zigbee</li> </ul>	2hrs

**Program Coordinator**

Prof.A.S.Zadbuke

**HOD**

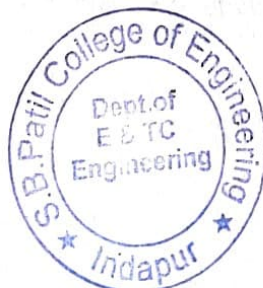
Prof.A.S.Zadbuke

**Principal**

Prof.D.Nemate

**Department of E & TC Engineering**  
**S.B.Patil College of Engineering, Indapur;**

**S.B.Patil College of Engineering**  
**Vangali, Tal Indapur. Dist Pune**







SHAHJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**  
DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

**VAP Schedule -TE**

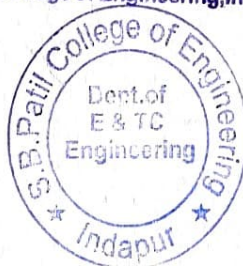
Date	Day	Time	Course Content
02/5/2020	1	3.00 pm to 5.00 pm	Introduction to robotics and Application
16/5/2020	1	3.00 pm to 5.00 pm	Important characteristics of a Robot, Classification of Robots
06/6/2020	2	2.00 pm to 5.00 pm	Introduction to Firebird V robot , Installation of IDE and downloader software
20/06/2020	3	4.00 pm to 5.00 pm	Programming in Embedded C, Data types, variables, constants
04/07/2020	4	3.00 pm to 5.00 pm.	Logical and conditional operation, Looping ,functions
18/07/2020	5	3.00 pm to 5.00 pm.	Array, pointer and strings
01/08/2020	6	4.00 pm to 5.00 pm s.	Input/output devices interfacing(Switch, LED ,Buzzer)
15/08/2020	7	2.00 pm to 5.00 pm	Timer ,counter operations
05/09/2020	8	4.00 pm to 5.00 pm	LCD display interfacing ,PWM operation
19/09/2020	9	3.00 pm to 5.00 pm	Sensors applications and interfacing ( IR, ultrasonic)
03/10/2020	10	45 mins.	Actuators applications and interfacing ( DC motor, servomotor)
17/10/2020	11	2.00 pm to 5.00 pm	Interfacing with mechanical components(gripper assembly), selection of components (I/O,sensors, Actuators ,Microcontroller, material),
07/11/2020	12	2.00 pm to 5.00 pm	Analog sensor interfacing using Analog to Digital Conversion(Temperature)
21/11/2020	13	3.00 pm to 4.30 pm	White line sensor interfacing and Sharp sensor interfacing
05/11/2020	14	3.00 pm to 5.00 pm	Application of Robot <ul style="list-style-type: none"><li>• Line Following Robot</li><li>• Obstacle Detection robot</li><li>• Pick and place robot using zigbee</li></ul>
19/11/2020	15	2.00 pm to 5.00 pm	Introduction to robotics and Application

  
Program Coordinator

Prof.A.S.Zadbuke

  
HOD

Prof. A.S. Zadbuke  
Department of E & TC Engineering  
S. B. Patil College of Engineering, Indapur.



  
Principal

Prof.P.D.Nemade  
Principal  
S. B. Patil College of Engineering,  
Vangali, Tal. Indapur, Dist. Pune





**SHAHAJIRAO PATIL VIKAS PRATISHTHAN**  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**  
 DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

**VAP Attendance - TE**

Sr.No	Day -> Name of Student / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Abhang Nikhil	P	P	P	A	A	P	P	P	P	A	P	P	P	P	P	P
2	Adling Shubham	A	P	P	A	P	P	A	P	P	A	P	P	P	P	P	P
3	Burungle Saurabh	P	A	A	P	P	P	P	P	P	A	P	P	P	P	P	P
4	Chavan Shivani Sunil	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
5	Darphale Pooja Ganpat	A	P	P	A	P	P	P	P	A	P	P	A	P	P	A	P
6	Jadhav Komal	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P
7	Jagtap Swapnali Sunil	P	A	P	P	P	P	P	A	P	P	P	P	A	P	P	A
8	Kagade Shubham	P	P	P	A	P	A	A	P	A	P	P	P	P	A	P	P
9	Kharat Akshay	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P
10	Lawate Aditya Dada	P	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P
11	Londhe Vivek Bharat	P	A	P	P	P	A	P	P	P	P	A	P	A	P	P	A
12	Misal Priyanka	A	P	A	P	P	P	A	P	P	P	P	P	P	A	P	P
13	More Prathmesh	P	P	P	A	P	A	P	A	P	P	P	P	P	P	P	P
14	Mulani Shahruk	P	P	A	P	P	P	P	P	P	A	P	P	A	P	P	P
15	Nawale Swapnil Popat	P	A	P	P	A	P	P	P	P	P	P	P	P	A	P	A
16	Nimbalkar Kirti Ashok	P	P	P	A	P	P	A	P	P	P	P	P	P	A	P	P
17	Pawar Dipak Bhau	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P
18	Pise Sagar Shahaji	A	P	P	P	A	A	P	A	P	P	P	P	P	P	P	P
19	Sarwade Ramchandra	P	A	P	A	P	P	P	P	P	P	P	P	A	P	A	P
20	Shaikh Humera	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P
21	Shaikh Kajal Lala	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P
22	Shinde Shivtej Arun	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P
23	Takale Avinash Tanaji	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P
24	Tengale Prasad	P	P	A	P	A	P	P	A	P	P	P	P	A	P	P	P
25	Waghmode Abhishek	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P

  
**Program Coordinator**

Prof.A.S.Zadbuke

  
**HOD**

Prof.A.S.Zadbuke

Department of E & TC Engineering  
 S.B. Patil College of Engineering, Indapur.

  
**Principal**

Prof.P.D.Nemade  
**Principal**

S.B. Patil College of Engineering  
 Vangali, Tal. Indapur, Dist. Pune





ACA - R-49

Rev : 00

Date: 01.07.2014

**VAP Report-TE**

Academic Year: 2020-21

Semester: I/II

Ref: SPVP/SBPCOE/E & TC/2020-21/F12/06

Date: 24/ 02/2021

To,  
The Principal,  
SBPCOE,  
Indapur.

**Subject: - Activity Report of Value Added Program on "ROBOTICS" conducted from  
5/2/20 TO 19/11/20**

Respected sir,

With reference to above mentioned subject Value Added Program conducted on  
"ROBOTICS" from 5/2/20 TO 19/11/2020 for the third year students .

**Objectives:**

To impart knowledge on

- Fundamentals of robot working, programming and integration in a manufacturing process
- Working of robot mechanical, power, measuring and control system, robot kinematics, dynamic, control and programming, Kinematics, path planning and control.
- Visualization on the view of the robotics impact in human future

Prof. Taware P.R was the event speaker .The speaker has delivered live demonstration on robotics as well as provided basic and helpful information regarding robotics to the students. He had also explained the various industry requirements in the sector of robotics .

As the coordinator of this event, I would like to thank our Management, Principal and our student volunteers for their support and continuous encouragement to organize this value added program .

**Outcomes:**

- Identify the importance of robotics in today and future goods production



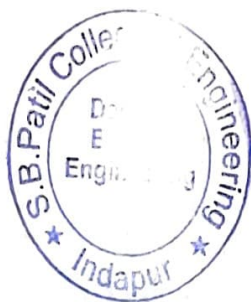


- Explore knowledge on basics of robotics programming like VAL, AML
- Perform robot configuration and subsystems
- Analyze the principles of robot programming and handle with typical robot

Thanking you

Program Coordinator

Prof.A.S.Zadbuke



HOD

Prof. ~~HEAD~~ Taware

Department of E & TC Engineering  
S.B.Patil College of Engineering, Indapur.



**Talking: Mulani shahruk**

**Meeting Topic:**

**Host:**

**Password:**

**Numeric Password:**

(Telephone/Room Systems)

**Invite Link:**

Pradeep Taware's Zoom Meeting ID: 660-000-1111  
Pradeep Taware's Zoom Meeting ID: 660-000-1111

Pradeep Iyengar

 $2Rv_{51}$ 

920734

100

<https://us04-wb.zoom.us/j/71115334732?pwd=RGVFc0p4L0p1aU9kdz09>



**Join Austin**

Computer Audio Connected



Share Screen



Invite Others

### Participants (14)

[illegible]



**Join our Cloud HD Video Meeting**

Zoom is the leader in modern enterprise video com

unicat web zoom us

**Pradeep Taware is inviting you to a  
scheduled Zoom meeting.**

**Topic: Pradeep Taware's Zoom Meeting**

**Time: July 4 2020 02:00 PM Mumbai,  
Kolkata, New Delhi**

**Join Zoom Meeting**

[https://us04web.zoom.us/j/  
71544470579?pwd=iLk-JqfBoe  
-uuqorUBY550OZCW0VEw.1](https://us04web.zoom.us/j/71544470579?pwd=iLk-JqfBoe-uuqorUBY550OZCW0VEw.1)

**Meeting ID: 715 4447 0579**

**Passcode: iPxu4J**

11:51 am ✓



5

SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**  
DEPARTMENT OF ELECTRICAL ENGINEERING

ACA – R-38

Rev : 00

Date: 01.07.2014

**Notice**

Academic Year: 2020-21

Semester: I & II

Ref: SPVP/SBPCOE/ELECT/2020-21

Date: 29/04/2020

All the students of **SE/TE/BE** herewith informed that we will have Value Added Program (VAP) along with your curricular subjects. The program will be conducted on first and third Saturday. All are requested to attend the lectures of same without fail. Details of the program as follow:

**The main objectives of the Value Added Program are:**

- To provide students an understanding of the expectations of industry.
- To improve employability skills of students.
- To bridge the skill gaps and make students industry ready.
- To provide an opportunity to students to develop inter-disciplinary skills.

Sr. No.	Class	Value Added Program	Time	Coordinator
1	SE	Basics of "C" Language	9:30 Am to 11:30 Am	Prof. P.B.Pawar
2	TE	Introduction to MATLAB	9:30 Am to 11:30 Am	Prof. D.D. Changan
3	BE	Industrial Automation	2:30 PM onwards	Prof. P.B.Pawar

  
Program Coordinator

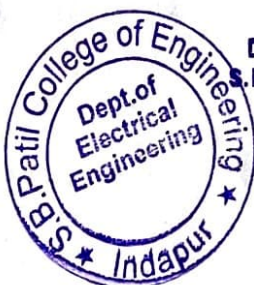
Prof. P.B. Pawar   Prof. D.D. Changan

  
H.O.D

Dr. R. M. Patil

  
Principal

Dr. P.D. Nemade



**HEAD**  
Department of Electrical Engineering  
S. B. Patil College of Engineering, Indapur.

**Principal**  
S. B. Patil College of Engineering  
Vangali, Tal. Indapur, Dist. Pune





SHAHAJIRAOPATILVIKASPRATISHTHAN  
**S.B.PATILCOLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**

**DEPARTMENT OF ELECTRICAL ENGINEERING**

ACM- R-

Rev:00

Date:01.07.2014

Ref:SPVP/SBPCOE/ELECT./2020-2021

**VAP - TE**

Academic Year: 2020-2021

Semester: I & II

Date: 29/4/2020

**Name of the Value Added Program: Introduction to MATLAB**

**Session: 2020-21**

**Duration: 30 Hrs.**

**Class: TE**

**Program Coordinator: Prof. D. D. Changan**

**SYLLABUS/COURSE CONTENT**

Sr.No.	Course Content	No. of Hours
1.	Introduction to MATLAB 1a. The MATLAB Environment 1b. MATLAB Basics – Variables, Numbers, Operators, Expressions, Input and output. 1c. Vectors, Arrays – Matrices	7hrs.
2.	MATLAB Functions 2a. Built-in Functions 2b. User defined Functions	5hrs.
3.	Graphics with MATLAB 3a. Files and File Management – Import/Export 3b. Basic 2D, 3D plots. 3c. Graphic handling	5hrs.
4.	Programming with MATLAB 4a. Conditional Statements, Loops 4b. MATLAB Programs – Programming and Debugging 4c. Applications of MATLAB Programming	9hrs.
5.	Mathematical Computing with MATLAB 5a. Algebraic equations 5b. Basic Symbolic Calculus and Differential equations 5c. Numerical Techniques and Transforms	6hrs.

  
**Program Coordinator**

Prof. P.B. Pawar

  
**H.O.D**

Dr. R. M. Patil

**HEAD**

Department of Electrical Engineering  
S.B. Patil College of Engineering, Indapur.

  
**Principal**


Dr. P. D. Nemade

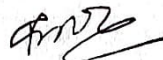
**Principal**


S.B. Patil College of Engineering  
Vangali, Tal. Indapur, Dist. Pune

## VAP SCHEDULE - TE

Date	Day	Time	CourseContent
02-5-20	1	2hrs.	1.IntroductiontoMATLAB 1a.TheMATLABEnvironment
16-5-20	2	2hrs.	1b. MATLAB Basics – Variables, Numbers, Operators,Expressions,Inputandoutput.
06-6-20	3	3hrs.	1c.Vectors, Arrays–Matrices
20-6-20	4	2hrs.	2.Introduction toMATLABFunctions 2a.Built-in Functions
04-7-20	5	3hrs.	2b.UserdefinedFunctions
1-08-20	6	2hrs.	3.GraphicswithMATLAB 3a.Files andFileManagement–Import/Export
5-09-20	7	2hrs.	3b.Basic2D,3Dplots.
19-09-20	8	1hrs.	3c.Graphichandling
3-10-20	9	1hrs.	4.IntroductiontoProgrammingwithMATLAB
17-10-20	10	2hrs.	4a.ConditionalStatements
7-11-20	11	1hrs.	4a.Loops
21-11-20	12	3hrs.	4b.MATLABPrograms–Programmingand Debugging
19-12-20	13	3hrs.	4c.ApplicationsofMATLABProgramming
2-1-21	14	2hrs.	5. MathematicalComputingwithMATLAB 5a.Algebraicequations
16-1-21	15	2hrs.	5b.BasicSymbolicCalculusandDifferentialsqua tions
06-2-21	16	2hrs.	5c.NumericalTechniquesandTransforms

  
**ProgramCoordinator**  
 Prof. D.D.Changan

  
**HOD**  
 Dr. R. M. Patil  
**HEAD**

  
**Principal**  
 Dr.P.D.Nemade

**Department of Electrical Engineering**  
**S.B. Patil College of Engineering, Indapur**

**Principal**  
**S.B. Patil College of Engineering**  
**Vangali, Tal. Indapur, Dist. Pune**

Sr.  
No.  
1



**VAP Attendance - TE**

[illegible]



Sr. No.	Name of Student	Day →	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
43.	POL AKSHAY DATTATRAY		P	A	A	P	P	P	P	P	P	P	P	P	P	P	P
44.	SURYAWANSHI ASHVINI BALWANT		P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
45.	VYAVAHARE RANJEET NARAYAN		A	P	P	P	P	P	P	P	P	P	P	P	P	P	P



**Program Coordinator**  
Prof. D.D. Changan

**HOD**

Dr. R. M. Patil  
**HEAD**  
Department of Electrical Engineering  
S.B. Patil College of Engineering, Indapur.

**Principal**

Dr.P.D.Nemade

**Principal**  
S.B. Patil College of Engineering  
Vangali, Tal. Indapur, Dist. Pune





SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**  
DEPARTMENT OF ELECTRICAL ENGINEERING

**Zoom link & Attendance screenshot:**

### Zoom Link of VAP

Join our Cloud HD Video Meeting  
Zoom is the leader in modern enterprise video c...  
us04web.zoom.us

Prof. D.D.Changan  
is inviting you to a scheduled Zoom meeting.

Topic: Basics of MATLAB  
Time: July 06, 2020 10:00 AM  
Mumbai, Kolkata, New Delhi

Join Zoom Meeting  
<https://us04web.zoom.us/j/77341456072?pwd=N2o2Q2VxSHM3MFEzZlZGWkNKTUFaZz09>

Meeting ID: 773 4145 6072  
Passcode: Fy3n78.

14:34

Message

### Attendance screenshot

9:49 AM 0.7K/s 100% 100%

Close Participants (22)

Q Search

TC	TE_Kirti Changan_13 (me)		
DC	Dhanashri Changan (Host)		
EG	Bhagyashri Ghagare_07		
PA	petkar Ankush		
RK	Rohit Kshirsagar		
TD	TE Dipali Devkule roll no 09		
	TE Vaishnavi Shinde 34		
V	TE Vishal Taur 31		
TY	TE Yogesh Hole Roll No-38		
TB	TE_Amit Borate_04		
TL	TE_Komal Lonkar_14		
TW	TE_Nilkhant Wagh_16		

Cont....

### Cont....

TL	TE_Komal Lonkar_14		
TW	TE_Nilkhant Wagh_16		
	TE_OMKAR MALI (NAMADE)...		
	TE_Pradip Gonjari_19		
TB	TE_Pragati Bharate_20		
	TE_SAHIL MULANI_25		
TM	TE_Samadhan Madane_26		
TC	TE_Sarita Chavan_28		
TA	TE_Sarje Aditi_02		
TD	TE_Tale Dipak_08		
TE	TE_Vaishnavi Ekatpure_33		
V	TE_Vrushali Kamble_37		

Invite



SHAHAJIRAOPATILVIKASPRATISHTHAN  
**S.B.PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**

**DEPARTMENT OF ELECTRICAL ENGINEERING**

ACA-R-49

Academic Year: 2020-21

Rev:00

**VAP Report - TE**

Date: 03.07.2017

Semester: I/II

Ref: SPVP/SBPCOE/ELECT/2020-21

Date: 24/02/2021

To,  
The Principal,  
SBPCOE, Indapur.

Subject: - Activity Report of Value Added Program on "Introduction to MatLab" conducted from 2/5/20 to 20/2/21.

Respected sir,

With reference to above mentioned subject Value Added Program conducted on "Introduction to MatLab" from 2/5/20 to 20/2/21 for the TE students.

**Objectives:**

- To provide students an understanding of the expectations of industry.
- To improve employability skills of students.
- To bridge the skill gaps and make students industry ready.

Madam explained the Basics of MatLab concepts new ways that- MatLab tools handling for electrical environment

To make this event successful 35+ students were present. As a coordinator of this event I would like to thank our Management, Principal and our student volunteers for their support and continuous encouragement to organize this value added program.

**Outcomes:**


- Students knew to have the creative mindset and skills needed for problem-solving that the field of engineering
- Students knew different tools used in MatLab with respect to electrical engineering






SHAHAJIRAOPATILVIKASPRATISHTHAN  
**S.B.PATILCOLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**  
DEPARTMENT OF ELECTRICAL ENGINEERING

Thanking you.

  
**Program Coordinator**  
Prof. D. D. Changan

  
**HOD**  
Dr. R. M. Patil  
**HEAD**  
Department of Electrical Engineering  
S.B. Patil College of Engineering, Indapur.



SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.

**2019-20**

**VAP**

**1.2.2 Number of Add on /Certificate programs offered**

**1.2.3 Number of students enrolled in Certificate/ Add-on programs as against the total number of students**

Name of Add on /Certificate programs offered	Duration	Number of students enrolled in the year	Number of Students completing the course in the year
AutoCAD Drafting	17/6/2019 to 21/6/2019	56	56
Ethical Hacking	2/04/2020 to 14/05/2020	53	53
Product Development Life Cycle	13/07/2019 to 14/12/2019	25	25
Robotics	6/7/2019 to 28/7/2019	29	29
Electrical Wiring Systems	15/06/2019 to 07/03/2020 ✓	34	34
Introduction to MATLAB	15/06/2019 to 18/04/2020 ✓	34	34



  
Principal

PRINCIPAL  
S. B. Patil College of Engineering  
Vangali, Tal. Indapur, Dist. Pune





SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**

**DEPARTMENT OF CIVIL ENGINEERING**

ACA – R-38  
Rev : 00  
Date: 01.07.2014

**Notice-VAP**

Academic Year: 2019-20

Semester: I /II

Ref: SPVP/SBPCOE/CIVIL/F10/


Date: 15/06/2019


All the students of **SE/TE/BE** herewith informed that we will have Value Added Program (VAP) along with your curricular subjects. All are requested to attend the lectures of same without fail. Details of the program as follow:


**The main objectives of the Value Added Program are:**

- To provide students an understanding of the expectations of industry.
- To improve employability skills of students.
- Understand how to prepare a detailed drawing, analysis and design for a different types of building.
- To bridge the software skill gaps and make students industry ready.

Sr. No.	Class	Value Added Program	Time	Co-ordinator
1	SE	Auto CAD Drafting	9:00 am to 3:00 pm	Prof.M.B.Katkar
2	TE	STAAD PRO Software	9:00 am to 3:00 pm	Prof.S.S.Kavathe
3	BE	Etab Software Training Programme	9:00 am to 3:00 pm	Prof.P.R.Admile

  
**Program Co-ordinator**  
Prof.M.B.Katkar

  
**HOD**  
Prof. R.B.Ghogare  
**Head**  
Department of Civil Engineering  
S.B.Patil College of Engineering Indapur

  
**Principal**  
Dr.S.T.Shirkande  
**Principal**  
S.B.Patil College of Engineering  
Vangali, Tal. Indapur, Dist. Pune





SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST:  
PUNE.**

**DEPARTMENT OF CIVIL ENGINEERING**

ACM – R-

Rev : 00

Date: 01.07.2014

**VAP**

Academic Year: 2019-20

Semester: I /II

Ref: SPVP/SBPCOE/Civil/2019-20/

Date: 15/06/2019

**NAME OF THE VALUE ADDED PROGRAM:-**AUTOCAD 2D and 3D Drafting Course

**SESSION:-** \_\_\_\_\_ **DURATION:-** 30 **Hrs. CLASS-** SE Civil

**PROGRAM COORDINATOR -** Katkar M.B.

**SYLLABUS/ COURSE CONTENT**

Sr. No.	Course Content	Number of Hours
1.	INTERDICTION OF AUTOCAD , Control the Drawing CHANGE VIEWS, Cartesian coordinate system, Modify commands, Annotate Dimension Style Manager, Annotate Dimension Style Manager,	5
2.	Text command Layers blocks, Text command Layers blocks, Text command Layers blocks, Text command Layers blocks,	5
3.	Text command Layers blocks, Building Plans, 2d drawings, 2d diagram, Create and Save Auto CAD, Create and Save Auto CAD	5
4.	Create and Save Auto CAD, Create and Save Auto CAD, Create and Save Auto CAD, residential buildings	5
5.	Institutional buildings, different types off residential buildings, duplex type house Elevations, door drawings windows,	5
6.	partitions foundation sub substructure, partitions foundation sub substructure, electrical plans, electrical plans	5

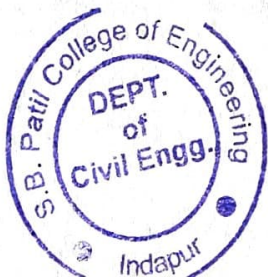
  
Program Coordinator

  
HOD  
Head

Department of Civil Engineering  
S.B.Patil College of Engineering Indapur

  
Principal  
Principal

S.B.Patil College of Engineering  
Vangali, Tal. Indapur, Dist, Pune







SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST:**  
**PUNE.**

DEPARTMENT OF CIVIL ENGINEERING

**SCHEDULE**

Date	Day	Time	Course Content
17/06/2019	1.	09.00 TO 03.00	AutoCAD versions Interface, Function keys AutoCAD basics, Absolute Coordinate System Relative Coordinate System, Line command Poly line command Rectangle command, Move ,Rotate, Scale, copy, Mirror, erase, trim, extend, Aligned, Radius Angular, Arc lengthLine
18/06/2019	2.	09.00 TO 03.00	Single line text Multiline text Layer properties Insert blocks. Geometric, Dimensional Manage, Isometric top, left, right Isometric diagrams, Isometric diagrams exercise, Drawing units Sheet settings,
19/06/2019	3.	09.00 TO 03.00	Save files Export pdf plot, Drawing Area Setup Visual reference, grid snap mode, introduction to building drawing
20/06/2019	4.	09.00 TO 03.00	different types of buildings exercise – 1 planning house drawing rough sketch, floor plan, detached house semi detached house,
21/06/2019	5.	09.00 TO 03.00	drawing ground floor 1 <sup>st</sup> floor 2 <sup>nd</sup> floor, residential house public buildings, 1 <sup>st</sup> floor 2 <sup>nd</sup> floor elevation,
22/06/2019	6.	09.00 TO 03.00	door elevation Windows, Drawing partitions exercises, AutoCAD workspaces are sets of menus

Note: - Short Break Time: 11 to 11.15

Long Break Time: 12.15 to 01.00



  
Program Coordinator

  
HOD  
Head

  
Principal

Department of Civil Engineering  
S.B.Patil College of Engineering Indapur

**Principal**  
**S.B.Patil College of Engineering**  
**Vangali, Tal. Indapur, Dist. Pune**



**SHAHAJIRAO PATIL VIKAS PRATISHTHAN**  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST:**  
**PUNE.**

**DEPARTMENT OF CIVIL ENGINEERING**

**ATTENDANCE**

Sr.No.	Name of Student/	Day	1	2	3	4	5	6
1.	AATISH ANANTRAO SATHE		P	A	P	P	P	P
2.	ADSUL AAKASH PRADIP		A	P	P	P	P	P
3.	BAGAL VISHWAJEET ABASAHEB		P	P	A	P	P	P
4.	BARCADE RUTUJA BHAIKU		P	P	P	P	P	A
5.	BHAGWAT YASHPAL MANOJ		P	P	A	P	P	P
6.	BHONG SHIVTEJ DADASO		A	P	P	P	P	P
7.	BODHE SALONI ANIL		P	P	P	A	P	P
8.	CHANDANE GANESH DHANAJI		P	P	A	P	P	P
9.	CHIKANE HRISHIKESH SHANKAR		A	P	P	P	P	P
10.	CHIPADE AKSHATA ANIL		P	P	A	P	P	P
11.	DESHMUKH AADITI SUNIL		A	P	P	P	P	P
12.	DESHMUKH NIKHIL NAGNATH		P	P	P	P	P	P
13.	DEVALE RAHUL SUDHIR		A	P	P	P	P	P
14.	DHAYGUDE HARSHAD SANJAY		P	P	P	P	P	P
15.	DHOLE SWAPNIL CHANGDEV		A	P	P	P	P	P
16.	DIVEKAR ABHISHEK CHANDRAKANT		P	P	A	P	P	P
17.	DOMBALE NIKHIL SANJAY		P	P	P	P	P	P
18.	DURANDE VAISHNAVI NANA		A	P	P	P	P	P
19.	GADSING SATYAJEET SUDHAKAR		P	P	P	P	A	P
20.	GALANDE ANJALI MAHENDRA		P	P	P	P	P	P
21.	GAVALI AKASH BHARAT		A	P	P	P	P	P
22.	GHADAGE SAMRUDDHI SATISH		P	P	A	P	P	P
23.	GHOARE AJAY BALASAHEB		P	P	P	P	P	P
24.	GODASE PRATHMESH PRAKASH		P	P	P	P	P	P
25.	GOPALKAR AMOL RAMESH		P	P	P	P	P	P
26.	HINGMIRE RUSHIKESH DNYANESHWAR		A	P	P	A	P	A
27.	JADHAV NIKHIL NANASAHEB		P	P	P	P	P	P
28.	JAGDALE KIRAN SHIVAJI		P	A	A	P	P	P
29.	KADAM MANSI RAJU		P	P	P	P	P	P
30.	KADAM NILESH RAMESH		A	P	P	P	A	P
31.	KADAM PRAJWAL BRAMHADEV		P	P	P	P	P	P
32.	KADAM RUTUJA SANJAY		P	P	P	A	P	A
33.	KADAM SANKET BALU		P	P	A	P	P	P
34.	KAMBALE PAVAN SHARAD		A	P	P	P	P	A
35.	KAMBLE ADITYA MOHAN		P	P	P	A	P	P
36.	KANGUDE SHRUTI SHAHAJI		A	A	P	P	A	P
37.	KARGAL VICKY KHANDU		P	P	A	A	P	P
38.	KESKAR NUTAN KHANDERAO		P	A	P	P	P	A
39.	KHARADE VAIBHAV NANA		P	P	P	P	P	P
40.	KHATAKE MONALI NAVNATH		P	P	P	P	P	P
41.	KHULE AADRSR ARVIND		P	P	P	P	P	P





SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST:**  
**PUNE.**

**DEPARTMENT OF CIVIL ENGINEERING**

42.	KULKARNI MAYURI SEVAK	P	A	P	A	P	P
43.	LAKADE SHUBHAM NARAYAN	P	P	P	P	P	P
44.	LOKARE SAGAR BHANUDAS	P	P	P	P	P	P
45.	LONKAR CHAKRADHAR SUKHDEV	A	P	P	P	P	P
46.	MAGAR YOGESH VILAS	P	P	A	P	P	P
47.	MARKAD TRUSHAL NAVNATH	P	P	P	P	P	P
48.	MHASAWADE SURAJ DADASAHEB	A	P	P	P	P	P
49.	MORE KAPIL RAJENDRA	P	P	P	P	A	P
50.	MULANI NIHAL RAFIK	P	P	P	P	P	P
51.	NANAWARE AKASH RAJENDRA	P	P	P	P	P	P
52.	NARUTE PRAMOD BALU	A	P	P	P	P	P
53.	NIMBALKAR OMKAR SHIVAJI	P	P	A	P	A	P
54.	PARADE SWAPNIL VILAS	P	P	P	P	A	P
55.	PATIL SUBHASH VITTHALRAO	P	P	P	P	P	P
56.	PAWAR KETAN DEVIDAS	P	P	A	P	P	P
57.	RANAWARE YASHODHAN JAYAKUMAR	P	A	P	A	P	P
58.	ROKADE SHIVAM BAPURAO	P	P	P	P	P	P
59.	SAMADHAN DATTATRAYA SAWANT	P	P	P	P	A	P
60.	SHAIKH INZUMAM UL HAQ AMJAD PATEL	P	P	P	P	P	P
61.	SHAIKH NASARIN AFSAR	A	P	P	P	P	P
62.	SHINDE APEKSHA SANDIPAN	P	P	P	P	P	P
63.	SURVE SAKSHI BALASO	P	P	P	P	P	P
64.	THORAT KAJAL EKNATH	P	P	P	P	P	P
65.	VIDHATE SHIVANI PAVAN	A	P	P	P	A	P
66.	GADE NIKHIL SANJAY	P	P	P	P	P	P



  
**Program Coordinator**

  
**HOD Head**  
Department of Civil Engineering  
S.B. Patil College of Engineering Indapur

  
**Principal**  
**S.B. Patil College of Engineering**  
Vengali, Tal. Indapur, Dist. Pune



SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE**  
**CIVIL ENGINEERING DEPARTMENT**

ACA – R-49  
Rev : 00  
Date: 01.07.2014

VAP Report-SE

Academic Year: 2019-20

Semester: I/H

Date: 23/06/2019

Ref: SPVP/SBPCOE/CIVIL/2019-20

To,  
The Principal,  
SBPCOE,  
Indapur.

Subject: - Activity Report of Value Added Program on “AUTOCAD Drafting” conducted  
from 17/06/2019 TO 21/06/2019

Respected sir,

With reference to above mentioned subject Value Added Program conducted on “AUTOCAD Drafting” from 17/06/2019 TO 21/06/2019 the second year students .

**Objectives:**

- The objective of this course is to teach students the basic commands and tools necessary for professional 2D and 3D drawing design and drafting using AutoCAD.
- After completing this course students will be able to Use AutoCAD. for daily working process
- Students will be able to Navigate throughout Autocad using major navigating tools

Prof.Katkar M.B was the event speaker .The speaker has delivered practical aspects of the Autocad in civil enngineering. This VAP consist of different command to be used for 2D and 3D drafting.This 2D and 3D drafting Commands are useful for drafting different civil engineering projects.





SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE**  
**CIVIL ENGINEERING DEPARTMENT**

To make this event successful 45+ students were present. As a coordinator of this event .I would like to thank our Management, Principal and our student volunteers for their support and continuous encouragement to organize this value added program .

**Outcomes:**

- Demonstrate basic concepts of the AutoCAD software.
- Apply basic concepts to develop construction (drawing) techniques.
- Ability to manipulate drawings through editing and plotting techniques.

Thanking you

  
Program Coordinator



  
HOD  
Head  
Department of Civil Engineering  
S.B.Patil College of Engineering Indapur



2

SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST:**  
**PUNE.**

**DEPARTMENT OF COMPUTER ENGINEERING**

ACM – R-

Rev : 00

Date: 01.07.2014

VAP

Academic Year: 2019-20

Semester: I /II

Ref: SPVP/SBPCOE/COMP/

Date: 28/03/2020

NAME OF THE VALUE ADDED PROGRAM:- **Ethical hacking**

SESSION:- \_\_\_\_\_ DURATION:30 Hrs. CLASS \_\_\_\_\_ TE \_\_\_\_\_

PROGRAM COORDINATOR:- Prof. P. P. Belsare

**SYLLABUS/ COURSE CONTENT**

Sr. No.	Course Content	Number of Hours
1.	Introduction to Ethical Hacking	2 hr
2.	Footprinting and Reconnaissance	2 hr
3.	Scanning Networks, Enumeration	2 hr
4.	Vulnerability Analysis	2 hr
5.	System Hacking	2 hr
6.	Malware Threats, Sniffing	2 hr
7.	Social Engineering	2 hr
8.	Denial-of-Service	2 hr
9.	Session Hijacking	2 hr
10.	Evading IDS, Firewalls, and Honeypots	2 hr
11.	Hacking Web Servers	2 hr
12.	Hacking Web Applications	2 hr
13.	SQL Injection	2 hr
14.	Hacking Wireless Networks	2 hr
15.	Hacking Mobile Platforms, IoT and OT Hacking	2 hr

B  
Program Coordinator/HOD

Principal  
**Principal**  
S.B. Patil College of Engineering  
Vengal, Tal. Indapur, Dist. Pune





SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST:  
PUNE.**

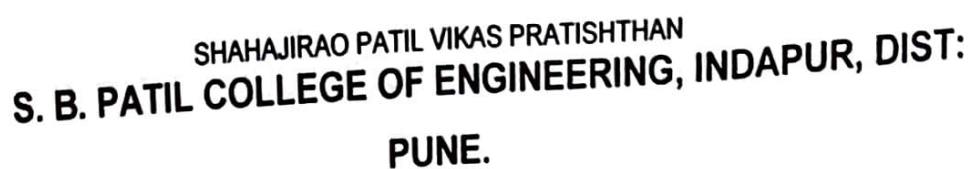
DEPARTMENT OF COMPUTER ENGINEERING

**SCHEDULE**

Date	Day	Time	Course Content
2/4/20	1.	3-5pm	Introduction to Ethical Hacking
3/4/20	2.	3-5pm	Footprinting and Reconnaissance
9/4/20	3.	3-5pm	Scanning Networks, Enumeration
10/4/20	4.	3-5pm	Vulnerability Analysis
11/4/20	5.	3-5pm	System Hacking
16/4/20	6.	3-5pm	Malware Threats, Sniffing
17/4/20	7.	3-5pm	Social Engineering
23/4/20	8.	3-5pm	Denial-of-Service
24/4/20	9.	3-5pm	Session Hijacking
25/4/20	10.	3-5pm	Evading IDS, Firewalls, and Honeypots
1/5/20	11.	3-5pm	Hacking Web Servers
7/5/20	12.	3-5pm	Hacking Web Applications
8/5/20	13.	3-5pm	SQL Injection
9/5/20	14.	3-5pm	Hacking Wireless Networks
14/5/20	15.	3-5pm	Hacking Mobile Platforms, IoT and OT Hacking

  
Program Coordinator/HOD

  
Principal  
S.B. Patil College of Engineering  
Vangali, Tal. Indapur, Dist. Pune



**PUNE.**

**DEPARTMENT OF COMPUTER ENGINEERING**

## ATTENDANCE

[illegible]





SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST:**  
**PUNE.**

**DEPARTMENT OF COMPUTER ENGINEERING**

Sr.No.	Name of Student/ Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
30.	RASAL POOJA BARIKRAO	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31.	SABIYA JAKIR KAZI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
32.	TONAPE ANJALI RAVINDRA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33.	BARVE POOJA POPAT	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34.	BHAGYAWANT POOJA BAPURAO	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
35.	BITE SNEHAL DILIP	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
36.	BUVA PRAJAKTA NILKANTH	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
37.	DEOKAR SWAPNALI NILCHAND	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
38.	DESHPANDE MADHAV SHRIRAM	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P
39.	JADHAV PANKAJ MARUTI	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
40.	JADHAV SANDHYA DATTATRAY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
41.	KATKAMWAR YOGESH KUMAR	A	P	P	P	P	P	P	P	P	A	P	P	P	A	P
42.	MAGAR SONAM SHANKARRAO	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
43.	MHASKE SHIVAM SHASHIKANT	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
44.	NAIR DHEERAJ RAJAN	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
45.	PATIL AISHWARYA GOVINDRAO	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
46.	PATIL AVINASH BHARAT	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
47.	PHADE DINESH DIPAK	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
48.	SAGARE SANDIP PANDURANG	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
49.	SATHE NEHARATNA RAVINDRA	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P
50.	SONAVANE ANURADHA SHIVAJI	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
51.	WABALE PRATIBHA PAVAN	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
52.	WAGHMODE DIPIKA GORAKH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
53.	WAGHMODE RAJASHREE MAHADEV	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P

**Program Coordinator/HOD**

**Principal**  
**S. B. Patil College of Engineering**  
**Vangali, Tal. Indapur, Dist. Pune,**



SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE**  
**DEPARTMENT OF COMPUTER ENGINEERING**

ACA – R-49

Rev : 00

Date: 01.07.2014

**VAP Report- TE**

Academic Year: 2019-20

Semester: I/II

Ref: SPVP/SBPCOE/COMP/2019-20

Date: 14/05/2020

To,  
The Principal,  
SBPCOE,  
Indapur.

**Subject: - Activity Report of Value Added Program on “Ethical Hacking” conducted from 02/04/2020 TO 14/05/2020.**

Respected sir,

With reference to above mentioned subject Value Added Program conducted on “**Ethical Hacking**” from 02/04/2020 TO 14/05/2020 for the Third Year year students .

**Objectives:**

- During this Ethical Hacking Training Courses, Students will Execute penetration test using standard hacking tools in an ethical manner including: Footprinting and Reconnaissance, Scanning Networks, Enumeration, Sniffing, Social Engineering, Denial of Service, Session Hijacking
- To Identify legal and ethical issues related to vulnerability and penetration testing. Research the state of laws that apply to hacking. Explore ethical systems and how they apply to hacking.

Prof. Kulkarni A. V. was the event speaker .The speaker has delivered live demonstration on Big Data and Hadoop as well as provided basic and helpful information regarding ethical hacking methodologies. Covers applying cyber security concepts to discover and report vulnerabilities in a network.





SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE**  
**DEPARTMENT OF COMPUTER ENGINEERING**

To make this event successful 25+ students were present. As a coordinator of this event ,I would like to thank our Management, Principal and our student volunteers for their support and continuous encouragement to organize this value added program .

**Outcomes:**

- Students will be able to Execute penetration test using standard hacking tools in an ethical manner including:Footprinting and Reconnaissance,Scanning Networks,Enumeration,Sniffing,Social Engineering,Denial of Service,Session Hijacking
- Students will be able to Identify legal and ethical issues related to vulnerability and penetration testing.Research the state of laws that apply to hacking.Explore ethical systems and how they apply to hacking

Thanking you.

**Program Co-ordinator**  
Prof. P.P.Belsare



**HOD**

Prof. S. A. Sirdeshpande  
**HEAD**  
Department of Computer Engineering  
S B. Patil College of Engineering, Indapur



SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**  
DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

ACA - R-38  
Rev : 00  
Date: 01.07.2014

Notice

Academic Year: 2019-20

Semester: I & II

Ref: SPVP/SBPCOE/ETC/2019-20

Date: 13/07/2019

All the students of SE/TE/BE herewith informed that we will have Value Added Program (VAP) along with your curricular subjects. All are requested to attend the lectures of same without fail. Details of the program as follow:

The main objectives of the Value Added Program are:

- To provide students an understanding of the expectations of industry.
- To improve employability skills of students.
- To bridge the skill gaps and make students industry ready.
- To provide an opportunity to students to develop inter-disciplinary skills.

Sr. No.	Class	Value Added Program	Coordinator
1	SE	Product Development Life Cycle	Prof. N.R.Kekan
2	TE	Robotics	Prof.A.S.Zadbuke
3	BE	Embedded Systems	Prof. C.V.Nalawade

Program Coordinator

H.O.D

Prof. A.C.Bhosale

**HEAD**

Department of E & TC Engineering  
S.B. Patil College of Engineering, Indapur.

Principal

Dr. P. D. Nemade

**S.B. Patil College of Engineering**  
Vangali, Tal. Indapur, Dist. Pune







SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**

**DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING**

ACA – R-

Rev : 00

Date: 01.07.2014

Ref: SPVP/SBPCOE/E&TC/2019-20

**VAP-SE**

Academic Year: 2019-2020

Semester: I & II

Date: 13/07/2019

**Name of the Value Added Program:** **Product Development Life Cycle**

**Session:** 2019-20

**Duration:** 30 Hrs.

**Class:** SE

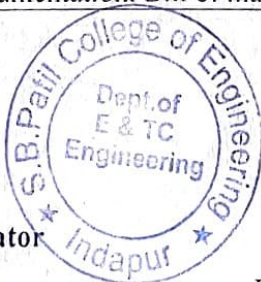
**Coordinator:** Prof. N.R. Kekanr

**Syllabus / Course Content**

Sr. No.	Course Content	Number of Hours
1.	Introduction to Product Development life cycle, Industrial design, user-centered design, five elements of successful design, Packaging and factors, assembly and disassembly, grounding, shielding	3
2.	Hardware Design & testing methods, . Identifying the requirements, formulating specifications, design specifications, System partitioning, Prototyping	2
3.	Software Design, Types of Software. Waterfall model of software development. Models, Good Programming practice. User interface .Embedded, Real time software.	7
4.	PCB design, Fundamental Definitions, Standards. Understand the electrical parameters. Creating the schematic, schematic capture tool to create your PCB layout. , Design your PCB stackup, define design rules and requirements, Insert drill holes., Route the traces, Grounding Methodologies, Bypassing and decoupling	4
5.	Product Debugging and Testing, Steps of Debugging, Techniques for troubleshooting, Inspection and test of components, Simulation using Proteus software	5
6.	Hands on Testing methods, Prototyping and testing, Integration, validation and verification. Troubleshooting various points	4.
7	Documentation: need, and types of documentation. Records, Accountability, and Liability, Presentation, and Preservation of documents, Layout of documentation. Bill of material	6

  
**Program Coordinator**

Prof.N.R.Kekan



  
**HOD**

  
**HEAD OF DEPARTMENT**  
Department of E & TC Engineering  
S.B. Patil College of Engineering, Indapur.

  
**Principal**

  
**Dr. P. D. Nemade**  
S.B. Patil College of Engineering  
Vangali, Tal. Indapur, Dist. Pune





**SHAHAJIRAO PATIL VIKAS PRATISHTHAN**  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**

**DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING**

**VAP Schedule -SE**

Date	Day	Time	Course Content
13/07/2019	1	3.00 pm to 5.00 pm	1. Introduction to Product Development life cycle 2. 1a. Why we need to learn PDLC 3. 1b. All the phases of PDLC explanation in detail
27/07/2019	2	3.00 pm to 5.00 pm	1c. Packaging and factors, design for manufacture, assembly and disassembly, wiring, grounding, filtering and shielding 2a. Identifying the requirements, formulating specifications 2b. Prototyping, testing & Troubleshooting, enclosure design
10/08/2019	3	2.00 pm to 5.00 pm	3 Software Design 3a. Waterfall model, Embedded, Real time software 3b. Introduction of Proteus software, GUI, all the functions
24/08/2019	4	4.00 pm to 5.00 pm	3. Fundamental Definitions, Standards. Understand the electrical parameters Introduction to Editor of Proteus, drawing of circuit diagram Circuit design using software tools
31/08/2019	5	3.00 pm to 5.00 pm.	4a. PCB design, Fundamental Definitions, Standards. Understand the electrical parameters
14/09/2019	6	3.00 pm to 5.00 pm.	5. PCB design using software tools proteus
28/09/2019	7	4.00 pm to 5.00 pm s.	5c. PCB fabrication as per design input, Define design rules and requirements Creating the schematic
12/10/2019	8	2.00 pm to 5.00 pm	5d. schematic capture tool to create your PCB layout (art work)
19/10/2019	9	4.00 pm to 5.00 pm	5g. Printing & Design your PCB stackup
26/10/2019	10	3.00 pm to 5.00 pm	5h. Etching
9/11/2019	11	45 mins.	6a. Inspection of process pcb, artwork
23/11/2019	12	2.00 pm to 5.00 pm	Insert drill holes (Drilling). Route the traces, Grounding Methodologies Bypassing and decoupling
16/11/2019	13	2.00 pm to 5.00 pm	Component Mounting and testing, Steps of Debugging
30/11/2019	14	3.00 pm to 4.30 pm	Techniques for troubleshooting, testing using electronic equipment & results analysis
07/12/2019	15	3.00 pm to 5.00 pm	Product Enclosure design, do's and don'ts, Actual design of product
14/12/2019	16	2.00 pm to 5.00 pm	Documentation, layout of PCB, sheets, reports, snaps

Program Coordinator

Prof.N.R.Kekan

HOD

Principal

S.B. Patil College of Engineering  
Vangali, Tal. Indapur, Dist. Pune





**SHAHAJIRAO PATIL VIKAS PRATISHTHAN**  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**

**DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING**

**VAP Attendance - SE**

Sr.No	Day -> Name of Student / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
		22/7	10/8	24/8	31/8	14/9	21/9	12/10	19/10	26/10	9/11	16/11	23/11	31/11	7/12	14/12	21/12
1	Abhang Nikhil Madhukar	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	Adling Shubham Dadaram	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
3	Burungle Saurabh Balaso	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
4	Chavan Shivani Sunil	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
5	Darphale Pooja Ganpat	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	Jadhav Komal Navanath	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	Jagtap Swapnali Sunil	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P
8	Kagade Shubham Shashikant	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	Kharat Akshay Rohidas	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	Lawate Aditya Dada	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	Londhe Vivek Bharat	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
12	Misal Priyanka Navnath	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	More Prathmesh Mahadev	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
14	Mulani Shahruk Mahamad	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
15	Nawale Swapnil Popat	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
16	Nimbalkar Kirti Ashok	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
17	Pawar Dipak Bhau	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	Pise Sagar Shahaji	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
19	Sarwade Ramchandra Janardhan	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
20	Shaikh Humera Mansoor	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
21	Shaikh Kajal Lala	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	Shinde Shivtej Arun	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
23	Takale Avinash Tanaji	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
24	Tengale Prasad Anandrao	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
25	Waghmode Abhishek Ramesh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P



**Program Coordinator**  
 Prof.N.R.Kekan

**HOD**  
**HEAD**

**Principal**  
**S.B. Patil College of Engineering**  
 Vangali, Tal. Indapur, Dist. Pune

Department of E & TC Engineering  
 S. B. Patil College of Engineering, Indapur,

SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE**  
DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

ACA – R-49

Rev : 00

Date: 01.07.2014

**VAP Report-SE**

Academic Year: 2019-20

Semester: I/II

Ref: SPVP/SBPCOE/E&TC/2019-20

Date: 18/12/2019

To,  
The Principal,  
SBPCOE,  
Indapur.

**Subject: - Activity Report of Value Added Program on “ Product Development Life Cycle ”  
conducted from**

Respected sir,

With reference to above mentioned subject Value Added Program conducted on “Product Development Life Cycle” from 02/05/2020 TO 19/11/2020 the SE E&TC year students .

**Objectives:**

- To understand the stages of product (hardware/ software) design and development.
- To be acquainted with methods of PCB design and different tools used for PCB Design
- To understand the importance of testing in product design cycle.
- To understand the processes and importance of documentation

Prof. P.S.Togrikar as event speaker had delivered live demonstration on PCB design as well as provided basic and helpful information regarding how the product will be designed from requirement to packaging as final product. He had also explained the various industry requirements in the sector of product design and innovation .

To make this event successful 25+ students were present. As a coordinator of this event ,I would like to thank our Management, Principal and our student volunteers for their support and continuous encouragement to organize this value added program .





SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE**  
DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

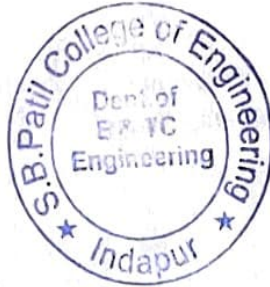
**Outcomes:**

- Understand various stages of hardware, software and PCB design
- Importance of product test & test specifications
- Special design considerations and importance of documentation

Thanking you

Program Coordinator

Prof. N.R. Kekan



HOD

Prof. Y. S. Bahandwar  
**HEAD**

Department of E & TC Engineering  
S.B. Patil College of Engineering, Indapur.



ACA - R -

Rev : 00

Date: 01.07.2014

Class: TE

VAP-TE

Academic Year: 2019-20

Semester: I/II

Ref: SPVP/SBPCOE/2019-20

Date: 02/07/2019

Name of the Value Added Program: - Robotics

Session: 2019-20

Duration:-30 Hrs.

Class-TE

Coordinator: - Prof. A.S .Zadbuke

Syllabus/ Course Content

Sr.No	Course Content	Number .Of Hours
1.	Introduction to robotics and Application Important characteristics of a Robot, Classification of Robots	4 hrs.
2.	Introduction to Firebird V robot , Installation of IDE and downloader software Programming in Embedded C Data types, variables, constants	4 hrs.
3.	Logical and conditional operation, Looping ,functions Array, pointer and strings	4 hrs.
4.	Input/output devices interfacing(Switch, LED ,Buzzer) Timer ,counter operations	4 hrs.
5.	LCD display interfacing,PWM operation Sensors applications and interfacing ( IR, ultrasonic)	4 hrs.
6.	Actuators applications and interfacing ( DC motor,sevomotor) Interfacing with mechanical components(gripper assembly), selection of components (I/O,sensors,Actuators microcontroller, material),	4 hrs.
7.	Analog sensor interfacing using Analog to Digital Conversion(Temperature) White line sensor interfacing and Sharp sensor interfacing	4 hrs.
8.	Application of Robot <ul style="list-style-type: none"><li>• Line Following Robot</li><li>• Obstacle Detection robot</li><li>• Pick and place robot using zigbee</li></ul>	2 hrs.

Program Coordinator

Prof.A.S.Zadbuke

H.O.D

Prof.Y.S.Bahendwar

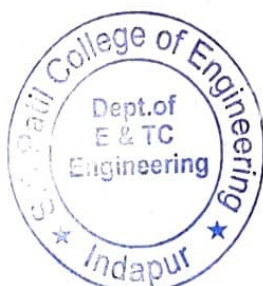
Principal

Dr. P. D. Menade

HEAD

Department of E & TC Engineering  
S.B.Patil College of Engineering,Indapur.

S.B.Patil College of Engineering  
Vangali, Tal. Indapur, Dist. Pune








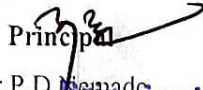
**SHAHAJIRAO PATIL VIKAS PRATISHTHAN**  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**  
**DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING**

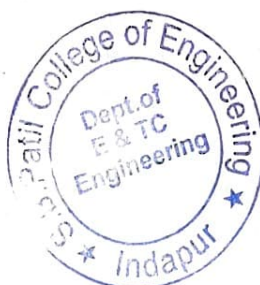
**VAP Schedule –TE**

Date	Day	Time	Course Content
6/7/2019	1.	10am to 2 pm	Introduction to robotics and Application Important characteristics of a Robot, Classification of Robots
7/7/2019	2.	10am to 2 pm	Introduction to Firebird V robot , Installation of IDE and downloader software Programming in Embedded C, Data types, variables, constants
13/7/2019	3.	10am to 2 pm	Logical and conditional operation, Looping ,functions Array, pointer and strings
14/7/2019	4.	10am to 2 pm	Input/output devices interfacing(Switch, LED ,Buzzer) Timer ,counter operations
20/7/2019	5.	10am to 2 pm	LCD display interfacing ,PWM operation Sensors applications and interfacing ( IR, ultrasonic)
21/7/2019	6.	10am to 2 pm	Actuators applications and interfacing ( DC motor, servomotor) Interfacing with mechanical components(gripper assembly), selection of components (I/O, sensors, Actuators ,Microcontroller, material),
27/7/2019	7.	10am to 2 pm	Analog sensor interfacing using Analog to Digital Conversion(Temperature) White line sensor interfacing and Sharp sensor interfacing
28/7/2019	8.	10am to 12pm	Application of Robot <ul style="list-style-type: none"><li>• Line Following Robot</li><li>• Obstacle Detection robot</li><li>• Pick and place robot using zigbee</li><li>• Introduction to robotics and Application</li></ul>

  
**Program Coordinator**  
Prof.A.S.Zadbuke

  
H.O.D  
Prof.Y.S.Bahendwar  
**HEAD**  
Department of E & TC Engineering  
S.B.Patil College of Engineering,Indapur.

  
Principal  
Dr.P.D.Semade  
**S.B.Patil College of Engineering**  
Vangali, Tal. Indapur, Dist. Pune





SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE**

ACA – R-49  
Rev : 00  
Date: 01.07.2014

**VAP Report-TE**

Academic Year: 2019-20

Semester: I/II

Date: 1/ 08/2019

Ref: SPVP/SBPCOE/ETC/2019-20

To,  
The Principal,  
SBPCOE, Indapur.

**Subject: - Activity Report of Value Added Program on "ROBOTICS " conducted from 6/7/2019 to 28/7/2019**

Respected sir,

With reference to above mentioned subject Value Added Program conducted on "ROBOTICS " from 6/7/2019 to 28/7/2019 for the third year ENTIC students .

**Objectives:**

To impart knowledge on,


- Fundamentals of robot working, programming and integration in a manufacturing process
- Working of robot mechanical, power, measuring and control system, robot kinematics, dynamic, control and programming, Kinematics, path planning and control.
- Visualization on the view of the robotics impact in human future


Prof.Taware P.R was the event speaker .The speaker has delivered live demonstration on robotics as well as provided basic and helpful information regarding robotics to the students. As the coordinator of this event, I would like to thank our Management, Principal and our student volunteers for their support and continuous encouragement to organize this value added program

**Outcomes:**

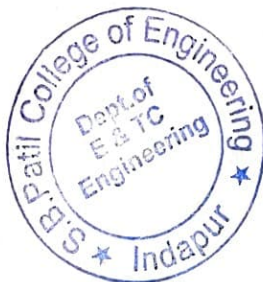
- Explore knowledge on basics of robotics programming like VAL, AML
- Perform robot configuration and subsystems

Thanking you

  
Program Coordinator  
Prof.A.S.Zadbuke

  
H.O.D  
Prof.Y.S.Bahendwar

**HEAD**  
Department of E & TC Engineering  
S.B.Patil College of Engineering, Indapur.










SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**  
 DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

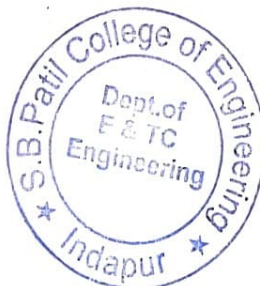
**VAP Attendance - TE**

Sr.No	Day -> Name of Student	1	2	3	4	5	6	7	8
1	Gaikwad Akshay .B	P	P	A	P	A	P	P	P
2	Ghadage Rahul.R	P	P	P	A	P	A	P	A
3	Jadhav Amruta.P	P	A	P	A	A	P	P	P
4	Jadhav Pooja.B	P	P	P	P	P	P	A	P
5	Karande bhairavnath	A	P	P	P	P	P	A	P
6	Kulkarni Sharvari.D	P	P	A	P	P	A	P	P
7	Londhe Vibhavari.B	A	P	P	A	P	P	A	A
8	Shinde Kalpesh.P	P	A	P	P	A	P	A	A
9	Thorat Komal.A	P	P	P	P	P	A	A	P
10	Wadhmare Balkrushna	A	A	A	P	P	P	P	A
11	Kadam Vishwas.V	P	P	A	A	P	P	A	P
12	Shid Nishigandha.S	P	P	P	P	P	P	P	P
13	Deokar Mayuri.R	P	P	A	A	A	P	P	P
14	Mane Pratiksha.A	A	P	P	P	P	P	A	A
15	Asgar Akshay.B	P	P	P	P	P	A	P	P
16	Anpat Ajay.H	P	P	P	P	P	P	A	P
17	Chavan Dhanshri.S	A	A	A	P	A	P	P	A
18	Chinchkar shradha	P	P	P	A	A	P	P	P
19	Dadde Ankita.S	P	P	P	P	P	A	P	P
20	Kadam Sukumar.G	P	P	P	A	P	A	P	A
21	Kalsule Sonali.M	A	A	A	P	A	P	P	P
22	Kharase Rakesh	P	A	P	P	P	P	A	A
23	Baravkar Ganesh	P	P	P	P	P	P	P	P
24	Nigade Tushar	P	P	P	A	P	P	P	P
25	Khomane Akshay	P	P	A	P	A	P	A	P
26	Markad Tejas	A	A	P	P	P	P	P	P
27	Pakhare Mukesh	P	P	P	A	P	P	A	A
28	Kumbhar Dattatray	P	P	P	P	P	A	P	P
29	Ohal Akash	A	P	P	A	A	P	A	P

  
**Program Coordinator**  
 Prof.A.S.Zadbukey

  
**H.O.D**  
 Prof.Y.S.Bahendwar  
**HEAD**  
 Department of E & TC Engineering  
 S.B.Patil College of Engineering,Indapur.

  
**Principal**  
 Dr.P.D.Kulkarni  
**S.B.Patil College of Engineering**  
 Vangali,Tal. Indapur, Dist. Pune





5  
6

SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**

**DEPARTMENT OF ELECTRICAL ENGINEERING**

ACA – R-38

Rev : 00

Date: 01.07.2014

Notice

Academic Year: 2019-20

Semester: I & II

Ref: SPVP/SBPCOE/ELECT/2019-20


Date: 15/06/19

All the students of SE/TE/BE herewith informed that we will have Value Added Program (VAP) along with your curricular subjects. The program will be conducted on first and third Saturday. All are requested to attend the lectures of same without fail. Details of the program as follow:

**The main objectives of the Value Added Program are:**

- To provide students an understanding of the expectations of industry.
- To improve employability skills of students.
- To bridge the skill gaps and make students industry ready.
- To provide an opportunity to students to develop inter-disciplinary skills.

Sr. No.	Class	Value Added Program	Time	Coordinator
1	SE	Electrical Wiring Systems	9:30 Am to 11:30 Am	Prof. T.V.Deokar
2	TE	Introduction to MATLAB	9:30 Am to 11:30 Am	Prof. D.D. Changan
3	BE	Industrial Automation	9:30 Am to 11:30 Am	Prof. P.B.Pawar

  
Program Coordinator

Prof. P.B. Pawar

  
H.O.D

Dr.R.M.Patil

HEAD

  
Principal

Dr.P.D.Nemade

**S.B. Patil College of Engineering**  
Vangali, Tal. Indapur, Dist. Pune

Department of Electrical Engineering  
S.B. Patil College of Engineering, Indapur.







SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST:PUNE.**

**DEPARTMENT OF ELECTRICAL ENGINEERING**

ACM – R-

Rev : 00

Date: 01.07.2014

Ref: SPVP/SBPCOE/ELECT./2019-20

**VAP- SE**

Academic Year: 2019-20

Semester: I & II

Date: 15/06/19

**Name of the Value Added Program:** Electrical Wiring Systems

**Session:** 2019-2020

**Duration:** 30 Hrs.

**Class:** SE

**Program Coordinator:** Prof. T.V.Deokar

**SYLLABUS / COURSE CONTENT**

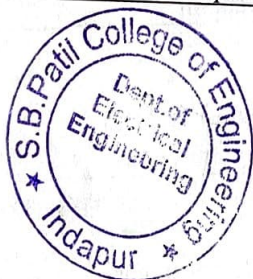
Sr. No.	Course Content	Number of Hours
1.	<p>Electrical engineer is required to work as supervisor &amp; knowledge worker in different organizations and is responsible to provide electrification. Maintain supply prepare design, estimates, read drawing, IE rules, data tables, specification, for all types electrical installation, Provision &amp; maintaining earthing &amp; all protective devices like MCCB,ELCB etc. Also Knowledge of maintenance, LT Lines, transformers, types of cables &amp; wires are essential. Hence this subject has been included as a Value added program in this curriculum.</p> <p>❖ <b>Drawings and IE rules</b></p> <ul style="list-style-type: none"><li>• Classification of electrical installations</li><li>• General requirements of electrical installation</li><li>• Reading &amp; interpretation of electrical engineering drawings &amp; symbols related to installations</li></ul>	2 Hrs.
2.	<ul style="list-style-type: none"><li>• Representation of different types of diagrams, such as schematic, circuit, wiring diagram and its single line representation as per IS code.</li><li>• IE rules related to electrical installation</li></ul>	3 Hrs.
3.	<p>❖ <b>Service connections</b></p> <ul style="list-style-type: none"><li>• Concept of service connection</li><li>• Types of service connections and their features</li><li>• Methods of installation of service connection</li></ul>	2 Hrs.
4.	<ul style="list-style-type: none"><li>• Differentiate between underground and overhead service connection</li><li>• Service connection for 11 KV H. T. Consumer</li></ul>	2 Hrs.
5.	<p>❖ <b>Electrification of residential Installation</b></p> <ul style="list-style-type: none"><li>• Types of wires and wiring methods as per IS No.</li><li>• General rules and guidelines for installation of residential electrification and positioning of equipment</li></ul>	2 Hrs.
6.	<ul style="list-style-type: none"><li>• Calculation of total electrical load in the residential installation</li><li>• Procedure for the design of number of sub circuits</li></ul>	2 Hrs.
7.	<ul style="list-style-type: none"><li>• Method of drawing single line diagram</li><li>• Selection of type of wire and wiring method</li></ul>	2 Hrs.



SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE**  
DEPARTMENT OF ELECTRICAL ENGINEERING



Sr. No.	Course Content	Number of Hours
8.	<ul style="list-style-type: none"><li>Load calculation and selection of size of wire by considering overload and future expansion</li><li>Determine length of batten and length of wire</li></ul>	2 Hrs.
9.	<ul style="list-style-type: none"><li>Selection of rating for main switch, distribution board, MCB, ELCB, and wiring accessories</li><li>Purpose of earthing and types of earthing</li><li>Determine length and size of earth wire</li></ul>	2 Hrs.
10.	<ul style="list-style-type: none"><li>Prepare list of material for residential installation with their costing</li><li>Total estimation and costing of overall residential installation with proper cost of material, labor charges, contingencies charges</li></ul>	3 Hrs.
11.	<ul style="list-style-type: none"><li>Determine per point charges</li><li>Wiring diagram for residential installation: Single Line and multiline</li></ul>	2 Hrs.
12.	<ul style="list-style-type: none"><li>❖ <b>Electrification of Commercial Installation</b><ul style="list-style-type: none"><li>Concept of commercial installation</li><li>Difference between residential and commercial installation</li><li>Difference between wires and cables</li><li>Types of cables required for commercial installations according to size and core</li><li>General requirements and selection factors for commercial installation</li></ul></li></ul>	4 Hrs.
13.	<ul style="list-style-type: none"><li>❖ <b>Electrification of Industrial Installation</b><ul style="list-style-type: none"><li>Concept of industrial load</li><li>Concept of motor wiring circuit and single line diagram</li><li>Guidelines about power wiring and motor wiring</li></ul></li></ul>	2 Hrs.



  
Program Coordinator

Prof. T.V. Deokar

  
H.O.D

Dr. R.M. Patil

  
Principal

S.B. Patil College of Engineering  
Vangali, Tal. Indapur, Dist. Pune

**HEAD**  
Department of Electrical Engineering  
S.B. Patil College of Engineering, Indapur.





SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**

**DEPARTMENT OF ELECTRICAL ENGINEERING**

2019-20 SE

**VAP Schedule - SE**

Date	Day	Time	Course Content
15/06/19	1	2 Hrs.	<b>❖ Drawings and IE rules</b> <ul style="list-style-type: none"><li>• Classification of electrical installations</li><li>• General requirements of electrical installation</li><li>• Reading &amp; interpretation of electrical engineering drawings &amp; symbols related to installations</li></ul>
06/07/19	2	3 Hrs.	<ul style="list-style-type: none"><li>• Representation of different types of diagrams, such as schematic, circuit, wiring diagram and its single line representation as per IS code.</li><li>• IE rules related to electrical installation</li></ul>
20/07/19	3	2 Hrs.	<b>❖ Service connections</b> <ul style="list-style-type: none"><li>• Concept of service connection</li><li>• Types of service connections and their features</li><li>• Methods of installation of service connection</li></ul>
03/08/19	4	2 Hrs.	<ul style="list-style-type: none"><li>• Differentiate between underground and overhead service connection</li><li>• Service connection for 11 KV H. T. Consumer</li></ul>
17/08/19	5	2 Hrs.	<b>❖ Electrification of residential Installation</b> <ul style="list-style-type: none"><li>• Types of wires and wiring methods as per IS No.</li><li>• General rules and guidelines for installation of residential electrification and positioning of equipment</li></ul>
07/09/19	6	2 Hrs.	<ul style="list-style-type: none"><li>• Calculation of total electrical load in the residential installation</li><li>• Procedure for the design of number of sub circuits</li></ul>
21/09/19	7	2 Hrs.	<ul style="list-style-type: none"><li>• Method of drawing single line diagram</li><li>• Selection of type of wire and wiring method</li></ul>
25/12/19	8	2 Hrs.	<ul style="list-style-type: none"><li>• Load calculation and selection of size of wire by considering overload and future expansion</li><li>• Determine length of batten and length of wire</li></ul>
18/10/19 04/01/20	9	2 Hrs.	<ul style="list-style-type: none"><li>• Selection of rating for main switch, distribution board, MCB, ELCB, and wiring accessories</li><li>• Purpose of earthing and types of earthing</li><li>• Determine length and size of earth wire</li></ul>



SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE**

**DEPARTMENT OF ELECTRICAL ENGINEERING**

Date	Day	Time	Course Content
18/01/20	10	3 Hrs.	<ul style="list-style-type: none"><li>• Prepare list of material for residential installation with their costing</li><li>• Total estimation and costing of overall residential installation with proper cost of material, labor charges, contingencies charges</li></ul>
01/02/20	11	2 Hrs.	<ul style="list-style-type: none"><li>• Determine per point charges</li><li>• Wiring diagram for residential installation: Single Line and multiline</li></ul>
15/2/20	12	4 Hrs.	<ul style="list-style-type: none"><li>❖ <b>Electrification of Commercial Installation</b></li><li>• Concept of commercial installation</li><li>• Difference between residential and commercial installation</li><li>• Difference between wires and cables</li><li>• Types of cables required for commercial installations according to size and core</li><li>• General requirements and selection factors for commercial installation</li></ul>
07/03/20	13	2 Hrs.	<ul style="list-style-type: none"><li>❖ <b>Electrification of Industrial Installation</b></li><li>• Concept of industrial load</li><li>• Concept of motor wiring circuit and single line diagram</li><li>• Guidelines about power wiring and motor wiring</li></ul>

  
Program Coordinator

Prof. T.V. Deokar

  
H.O.D

Dr. R.M. Patil

Department  
S.B. Patil C

  
Principal

Dr. P.D. Nemade  
Principal  
S.B. Patil College of Engineering  
Yangali, Tal. Indapur, Dist. Pune







SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST:PUNE.**

**DEPARTMENT OF ELECTRICAL ENGINEERING**

2019-20 SE

**VAP Attendance - SE**

Sr. No.	Name of Student	Day →	1 15/6	2 16/6	3 17/6	4 18/6	5 19/6	6 20/6	7 21/6	8 22/6	9 23/6	10 24/6	11 25/6	12 26/6	13 27/6
1.	BHARATE PRAGATI ANIL		P	P	P	P	P	P	P	P	P	P	P	P	P
2.	GHOLAP SUNIL BHARAT		P	P	P	P	P	P	P	P	P	P	P	P	P
3.	GIRI RUSHIKESH SANJAY		P	P	P	P	P	P	P	P	P	P	P	P	P
4.	KAMBLE VRUSHALI CHANDRAKANT		P	P	P	P	P	P	P	P	P	P	P	P	P
5.	MARATHE DIVYA ROHIDAS		P	P	P	P	P	P	P	P	P	P	P	P	P
6.	METE SANJAY RAMESH		P	P	P	P	P	P	P	P	P	P	P	P	P
7.	MULANI SAHIL MUBARAK		P	P	P	P	P	P	P	P	P	P	P	P	P
8.	SOLANKAR VAISHNAVI VINOD		P	P	P	P	P	P	P	P	P	P	P	P	P
9.	TALE DIPAK RAMESH		P	P	P	P	P	P	P	P	P	P	P	P	P
10.	EKATPURE VAISHNAVI DILIP		P	P	P	P	P	P	P	P	P	P	P	P	P
11.	SHINDE VAISHNAVI SUKHDEO		P	P	P	P	P	P	P	P	P	P	P	P	P
12.	LONKAR KOMAL J		P	P	P	P	P	P	P	P	P	P	P	P	P
13.	CHAVAN SARITA S.		P	P	P	P	P	P	P	P	P	P	P	P	P
14.	NALAWADE VINOD		P	P	P	P	P	P	P	P	P	P	P	P	P
15.	GHOHARE BHAYASHRI R.		P	P	P	P	P	P	P	P	P	P	P	P	P
16.	SARJE ADITI AUDUMBER		P	P	P	P	P	P	P	P	P	P	P	P	P
17.	TAUR VISHAL A.		P	P	P	P	P	P	P	P	P	P	P	P	P
18.	KAWADE GOVIND V.		P	P	P	P	P	P	P	P	P	P	P	P	P
19.	WAGH NIKHAT V.		P	P	P	P	P	P	P	P	P	P	P	P	P
20.	KSHIRSAGAR ROHIT		P	P	P	P	P	P	P	P	P	P	P	P	P
21.	PINGALE TUSHAR D.		P	P	P	P	P	P	P	P	P	P	P	P	P
22.	SUL MAYUR H.		P	P	P	P	P	P	P	P	P	P	P	P	P
23.	CHANGAN KIRTIMALA D.		P	P	P	P	P	P	P	P	P	P	P	P	P
24.	BORATE AMIT B.		P	P	P	P	P	P	P	P	P	P	P	P	P
25.	LANDE SATISH S.		P	P	P	P	P	P	P	P	P	P	P	P	P
26.	GIDDE OMKAR R.		P	P	P	P	P	P	P	P	P	P	P	P	P
27.	MADANE SAMADHAN D.		P	P	P	P	P	P	P	P	P	P	P	P	P
28.	BAGADE ABHIJEET A.		P	P	P	P	P	P	P	P	P	P	P	P	P
29.	JADHAV RUSHIKESH		P	P	P	P	P	P	P	P	P	P	P	P	P
30.	MALI OMKAR		P	P	P	P	P	P	P	P	P	P	P	P	P
31.	JADHAV ROHAN RAMDAS		P	P	P	P	P	P	P	P	P	P	P	P	P
32.	NIRMALE VISHNU MAHADEV		P	P	P	P	P	P	P	P	P	P	P	P	P
33.	MANE ANKITA NITIN		P	P	P	P	P	P	P	P	P	P	P	P	P
34.	HOLE YOGESH B.		P	P	P	P	P	P	P	P	P	P	P	P	P

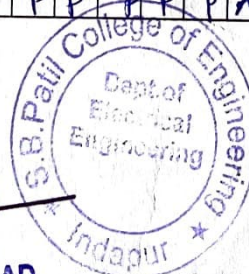
**Program Coordinator**

Prof. T.V. Deokar

**H.O.D**

**HEAD**

Department of Electrical Engineering  
S.B. Patil College of Engineering, Indapur.



**Principal**

S.B. Patil College of Engineering  
Indapur, Dist. Pune  
Vangani, Tal. Nandgaon





SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**  
DEPARTMENT OF ELECTRICAL ENGINEERING

ACA – R-38

Rev : 00

Date: 0.07.2014

Ref: SPVP/SBPCOE/ELECT/2019-20

Academic Year: 2019-20

VAP Report - SE

Semester: I/II

Date: 16/03/20

To,  
The Principal,  
SBPCOE, Indapur.

**Subject: - Activity Report of Value Added Program on “Electrical Wiring Systems” conducted for the academic year 2019-20**

Respected sir,

With reference to above mentioned subject Value Added Program conducted on “Electrical Wiring Systems” for the academic year 2019-20 for the SE students.

**Objectives:**

- The Students will be able to Read & interprets Electrical Installation drawings.
- The Students will be able to Understand & apply IE rules.
- The Students will be able to make use of data tables & specification of wire, cables, LT lines & Distribution Transformer, MCCB, ELCB.
- The Students will be able to understand principles & procedures of earthing.
- The Students will be able to know basic terms to prepare design & estimate of installation.

Prof. T. V. Deokar explained the Electrical Wiring Systems concepts with respect to residential, commercial and industrial wiring system basics along with its rules for designing and costing

To make this event successful 30+ students were present. As a coordinator of this event I would like to thank our Management, Principal and our student volunteers for their support and continuous encouragement to organize this value added program.

**Outcomes:**

- Students are able to understand standard IE rules
- Students are able to distinguish Types of service connections and their features
- Students can Prepare comparison chart of various wiring accessories
- Students are able to make use of data tables & specification of wire, cables, LT lines & Distribution Transformer, MCCB, ELCB.
- Students are able to understand principles & procedures of earthing





SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**

**DEPARTMENT OF ELECTRICAL ENGINEERING**

Thanking you.

*T.V. Deokar*

**Program Coordinator**  
Prof. T.V. Deokar

*S.R. Karpe*

**H.O.D**

Prof. S.R. Karpe



**HEAD**

Department of Electrical Eng  
S.B. Patil College of Engineerin



SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST:PUNE.**  
DEPARTMENT OF ELECTRICAL ENGINEERING

ACM – R-

Academic Year: 2019-20

Rev : 00

VAP - TE

Semester: I & II

Date: 01.07.2014

Ref: SPVP/SBPCOE/ELECT/2019-20

Date: 15/06/19

Name of the Value Added Program: "Introduction to MatLab"

Session: 2019-20

Duration: 30 Hrs.

Class: TE

Program Coordinator: Prof. D. D. Changan

**SYLLABUS / COURSE CONTENT**

Sr. No.	Course Content	No. of Hours
1.	<b>Introduction to MATLAB</b> <ul style="list-style-type: none"><li>• The MATLAB Environment</li><li>• MATLAB Basics – Variables, Numbers, Operators, Expressions, Input and output.</li><li>• Vectors, Arrays – Matrices</li></ul>	7 hrs.
2.	<b>MATLAB Functions</b> <ul style="list-style-type: none"><li>• Built-in Functions</li><li>• User defined Functions</li></ul>	5 hrs.
3.	<b>Graphics with MATLAB</b> <ul style="list-style-type: none"><li>• Files and File Management – Import/Export</li><li>• Basic 2D, 3D plots.</li><li>• Graphic handling</li></ul>	5 hrs.
4.	<b>Programming with MATLAB</b> <ul style="list-style-type: none"><li>• Conditional Statements, Loops</li><li>• MATLAB Programs – Programming and Debugging</li><li>• Applications of MATLAB Programming</li></ul>	9 hrs.
5.	<b>Mathematical Computing with MATLAB</b> <ul style="list-style-type: none"><li>• Algebraic equations</li><li>• Basic Symbolic Calculus and Differential equations</li><li>• Numerical Techniques and Transforms</li></ul>	6 hrs.

Program Coordinator

Prof. D.D.Changan

H.O.D

Dr.R.M.Patil

HEAD

Department of Electrical Engineering  
S.B. Patil College of Engineering, Indapur.

Principal

S.B. Patil College of Engineering  
Vangali, Tal. Indapur, Dist. Pune






# VAP SCHEDULE - TE

2019-20 TE

Date	Day	Time	Course Content
15/06/19	1	2hrs.	1. Introduction to MATLAB The MATLAB Environment
06/07/19	2	2hrs.	MATLAB Basics – Variables, Numbers, Operators, Expressions, Input and output.
20/07/19	3	3hrs.	Vectors, Arrays – Matrices
03/08/19	4	2hrs.	2. Introduction to MATLAB Functions Built-in Functions
17/08/19	5	3hrs.	User defined Functions
07/09/19	6	2hrs.	3. Graphics with MATLAB Files and File Management – Import/Export
21/09/19	7	2hrs.	Basic 2D, 3D plots.
21/12/19	8	1hrs.	Graphic handling
04/01/20	9	1hrs.	4. Introduction to Programming with MATLAB
18/01/20	10	2hrs.	Conditional Statements
01/02/20	11	1 hrs.	Loops
15/02/20	12	3 hrs.	4. MATLAB Programs – Programming and Debugging
07/02/20	13	3hrs.	Applications of MATLAB Programming
21/03/20	14	2 hrs.	5. Mathematical Computing with MATLAB Algebraic equations
04/04/20	15	2 hrs.	Basic Symbolic Calculus and Differential equations
18/04/20	16	2 hrs.	Numerical Techniques and Transforms

  
Program Coordinator  
Prof. D.D. Changan

  
H.O.D

  
Principal

Dr. R.M. Patil  
HEAD  
Department of Electrical Engineering  
S.B. Patil College of Engineering, Indapur

Dr. P.D. Nemade  
S.B. Patil College of Engineering  
Vangali, Tal. Indapur, Dist. Pune





# VAP Attendance - TE

2019-20 TE

Sr. No.	Name of Student	Day →	1 15 06	2 06 07	3 20 07	4 03 08	5 17 08	6 27 08	7 21 09	8 21 09	9 04 01	10 12 01	11 01 02	12 15 02	13 07 03	14 21 03	15 04 04	16 18 04
1.	AVAGHADE VISHAL MAHADEO		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2.	MADALE VAIBHAV MALASIDHA		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3.	JADHAV DIGVIJAY ABASAHEB		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4.	GHADAGE ASHUTOSH SARJERAO		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5.	KHARAT SANGRAM MAHAVIR		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6.	DAKE RAMCHANDRA NARAYAN		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7.	MASOLE SWAPNALI HARISHCHANDRA		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8.	SALUNKE ROHIT KALYAN		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9.	SHAIKH ARABAJ HASHIM		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10.	SHENDE UTKARSH UTTAM		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11.	SHETE ATUL SURESH		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12.	SHINDE AJAY SANJEEV		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13.	TEMBARE KOMAL RAMESH		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14.	WAGHMODE ATUL PRAKASH		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15.	BAGAL SAURABH DEVIDAS		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16.	DHAVAL SHITAL MOHAN		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17.	DIVASE MONIKA RAJENDRA		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18.	JADHAV SNEHAL DILIP		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19.	KACHARE SHIVANI HARISHCHANDRA		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20.	KALE NIKITA MADHUKAR		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21.	KATKAR DHIRAJ SHIVAJI		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22.	KHAMGAL RUTUJA SHARAD		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23.	KHARAT SUSHANT BABAN		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24.	LANDAGE PAVAN SHIVAJI		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25.	LATHOR NIKHIL NARAYAN		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26.	SALVE RUTUJA NANASO		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27.	SHETE NILESH DILIP		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28.	SHINDE SAVTA MARUT		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29.	SHINDE SWAPNALI SANTOSH		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30.	SURYAWANSHI ASHWINI BALWANT		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31.	THENGAL RANJIT SUNIL		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
32.	VYANKATESHPRASAD TANAJI SARAK		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33.	YADAV AMRUTA SUKHDEO		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34.	YADAV PUNAM MADHUKAR		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P



Program Coordinator

Prof. D.D.Changan

H.O.D

Dr.R.M.Patil

Principal

S.B. Patil College of Engineering  
Vangali, Tal. Indapur, Dist. Pune

Dep. of Electrical Engineering  
S.B. Patil College of Engineering, Indapur





SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**  
DEPARTMENT OF ELECTRICAL ENGINEERING

ACA – R-49	<b>VAP Report - TE</b>	Academic Year: 2019-20
Rev : 00		Semester: I/II
Date: 01.07.2014		

Ref: SPVP/SBPCOE/ELECT/2019-20

Date: 22/04/20

To,  
The Principal,  
SBPCOE, Indapur.

Subject: - Activity Report of Value Added Program on **“Introduction to MatLab”** conducted from for the academic year 2019-20

Respected sir,

With reference to above mentioned subject Value Added Program conducted on **“Introduction to MatLab”** for the academic year 2019-20 for the TE students.

**Objectives:**

- To provide students an understanding of the expectations of industry.
- To improve employability skills of students.
- To bridge the skill gaps and make students industry ready.

Madam explained the Basics of MatLab concepts new ways that- MatLab tools handling for electrical environment

To make this event successful 30+ students were present. As a coordinator of this event I would like to thank our Management, Principal and our student volunteers for their support and continuous encouragement to organize this value added program.

**Outcomes:**

- Students knew to have the creative mindset and skills needed for problem-solving that the field of engineering
- Students knew different tools used in MatLab with respect to electrical engineering



SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**  
DEPARTMENT OF ELECTRICAL ENGINEERING

Thanking you.

05/08/2020 *D.D. Changan*

**Program Coordinator**  
Prof. D. D. Changan



*S.R. Karpe*

**H.O.D**  
Prof. S.R. Karpe

**HEAD**  
Department of Electrical Engineering  
S.B. Patil College of Engineering, Indapur







SHAHAJIRAO PATIL VIKAS PRATISHTHAN

S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.

**2018-19**

**VAP**

**1.2.2 Number of Add on /Certificate programs offered**

**1.2.3 Number of students enrolled in Certificate/ Add-on programs as against the total number of students**

Name of Add on /Certificate programs offered	Duration	Number of students enrolled in the year	Number of Students completing the course in the year
AUTOCAD 2D and 3D Drafting	17/12/2018 to 21/12/2018	59	59
Ethical Hacking	02/04/2019 to 30/04/2019	24	24
Big Data & Hadoop	04/04/2019 to 14/05/2019	43	43
SAP	01/04/2019 to 11/05/2019	54	54
Introduction to C Language	14/07/2018 to 8/12/2018	11	11
Product Development Life Cycle	5/8/2018 to 30/9/2018	17	17
Electrical Wiring Systems	07/07/2018 to 16/03/2019	37	37
Introduction to MATLAB	07/07/2018 to 16/03/2019	64	64



  
Principal  
PRINCIPAL  
S. B. Patil College of Engineering  
Vangali, Tal. Indapur, Dist. Pune



SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**  
DEPARTMENT OF CIVIL ENGINEERING

ACA – R-38

Rev : 00

Date: 01.07.2014

**Notice-VAP**

Academic Year: 2018-19

Semester: I /II

Ref: SPVP/SBPCOE/CIVIL/F10/

Date: 14/12/2018

All the students of **SE/TE/BE** herewith informed that we will have Value Added Program (VAP) along with your curricular subjects. All are requested to attend the lectures of same without fail. Details of the program as follow:

**The main objectives of the Value Added Program are:**

- To provide students an understanding of the expectations of industry.
- To improve employability skills of students.
- Understand how to prepare a detailed drawing, analysis and design for a different types of building.
- To bridge the software skill gaps and make students industry ready.

Sr. No.	Class	Value Added Program	Time	Co-ordinator
1	SE	Auto CAD Drafting	9:00 am to 3:00 pm	Prof. S.M.Kale
2	TE	STAAD PRO Software	9:00 am to 3:00 pm	Prof.S.S.Kavathe
3	BE	Etab Software Training Programme	9:00 am to 3:00 pm	Prof.M.B.Katkar

**Program Co-ordinator**

Prof.M.B.Katkar

**HOD**

Prof. N.T.Suryawanshi

**Head**

Department of Civil Engineering  
S.B.Patil College of Engineering Indapur

**Principal**

Dr.P.D.Nemade

**S.B.Patil College of Engineering  
Vangali, Tal. Indapur, Dist. Pune**







SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST:  
PUNE.**

**DEPARTMENT OF CIVIL ENGINEERING**

ACM – R-  
Rev : 00  
Date: 01.07.2014

**VAP**

Academic Year: 2018-19

Semester: I /II

Ref: SPVP/SBPCOE/CIVIL/

Date: 12/12/2018


**NAME OF THE VALUE ADDED PROGRAM:-**AUTOCAD 2D and 3D Drafting Course

**SESSION:-** \_\_\_\_\_ **DURATION:-** 30 Hrs. **CLASS-** SE Civil

**PROGRAM COORDINATOR –** Prof. S.M. Kale

**SYLLABUS/ COURSE CONTENT**

Sr. No.	Course Content	Number of Hours
1.	INTERDICTION OF AUTOCAD , Control the Drawing CHANGE VIEWS, Cartesian coordinate system, Modify commands, Annotate Dimension Style Manager, Annotate Dimension Style Manager,	5
2.	Text command Layers blocks, Text command Layers blocks, Text command Layers blocks, Text command Layers blocks,	5
3.	Text command Layers blocks, Building Plans, 2d drawings, 2d diagram, Create and Save Auto CAD, Create and Save Auto CAD	5
4.	Create and Save Auto CAD, Create and Save Auto CAD, Create and Save Auto CAD, residential buildings	5
5.	Institutional buildings, different types off residential buildings, duplex type house Elevations, door drawings windows,	5
6.	partitions foundation sub substructure, partitions foundation sub substructure, electrical plans, electrical plans	5

  
**Program Coordinator**  
Prof. S.M. Kale

  
**HOD**

Prof. N.T. Suryawanshi  
**Head**

Department of Civil Engineering  
S.B. Patil College of Engineering Indapur

  
**Principal**

Dr. P.D. Nemade  
**Principal**

**S. B. Patil College of Engineering**  
**Vangali, Tal. Indapur, Dist. Pune,**



SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST:  
PUNE.**


**DEPARTMENT OF CIVIL ENGINEERING**


**SCHEDULE**

Date	Day	Time	Course Content
17/12/2018	1.	09.00 TO 03.00	AutoCAD versions Interface, Function keys AutoCAD basics, Absolute Coordinate System Relative Coordinate System, Line command Poly line command Rectangle command, Move ,Rotate, Scale, copy, Mirror, erase, trim, extend, Aligned, Radius Angular, Arc lengthLine
18/12/2018	2.	09.00 TO 03.00	Single line text Multiline text Layer properties Insert blocks, Geometric, Dimensional Manage, Isometric top, left, right Isometric diagrams, Isometric diagrams exercise, Drawing units Sheet settings,
19/12/2018	3.	09.00 TO 03.00	Save files Export pdf plot, Drawing Area Setup Visual reference, grid snap mode, introduction to building drawing
20/12/017	4.	09.00 TO 03.00	different types of buildings exercise – 1 planning house drawing rough sketch, floor plan, detached house semi detached house,
21/12/2018	5.	09.00 TO 03.00	drawing ground floor 1 <sup>st</sup> floor 2 <sup>nd</sup> floor, residential house public buildings, 1 <sup>st</sup> floor 2 <sup>nd</sup> floor elevation, door elevation Windows, Drawing partitions exercises, AutoCAD workspaces are sets of menus


Note: - Short Break Time: 11 to 11.15

Long Break Time: 12.15 to 01.00

  
**Program Coordinator**  
Prof. S.M. Kale

  
**HOD**  
Prof. N.T. Suryawanshi  
**Head**  
Department of Civil Engineering  
S.B. Patil College of Engineering Indapur



  
**Principal**  
Dr. P. N. Nemade  
S.B. Patil College of Engineering  
Vangali, Tal. Indapur, Dist. Pune





SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST:

PUNE.

DEPARTMENT OF CIVIL ENGINEERING

ATTENDANCE

Sr.No.	Name of Student/	Day	1	2	3	4	5
1.	ADSUL AAKASH PRADIP		P	P	P	P	P
2.	BHANGALE MANGESH BAPUSAHEB		P	P	P	P	P
3.	DESAI GAYATRI SATISH		P	P	P	P	P
4.	DESHMUKH AADITI SUNILRAO		P	P	P	P	P
5.	DESHPANDE SHIRISH GANESH		P	P	P	P	P
6.	DOMBALE NIKHIL SANJAY		P	P	P	P	P
7.	GADE PURUSHOTTAM NAMDEV		P	P	P	P	P
8.	GADSING SATYAJEET SUDHAKAR		P	P	P	P	P
9.	GAIKWAD AMARSINGH SANJAY		P	P	P	P	P
10.	GODAGE KETAN KIRAN		P	P	P	P	P
11.	GODASE TEJAS SUKHADEV		P	P	P	P	P
12.	GOPALKAR AMOL RAMESH		P	P	P	P	P
13.	JADHAV SAGAR DILIP		P	P	P	P	P
14.	JADHAV VIKAS LAHU		P	P	P	P	P
15.	KADAM MANJUSHA TUKARAM		P	P	P	P	P
16.	KALE SHIVAM ARUN		P	P	P	P	P
17.	KALE SHUBHAM SANJAY		P	P	P	P	P
18.	KHADE SWAPNIL RAJARAM		P	P	P	P	P
19.	KHAIRE PRATIK ASHOK		P	P	P	P	P
20.	KHARE RESHMA JANARDHAN		P	P	P	P	P
21.	KUMBHAR PRANALI BALASO		P	P	P	P	P
22.	LOKARE AKSHAY SANJAY		P	P	P	P	P
23.	MAGAR YOGESH VILAS		P	P	P	P	P
24.	MANE PRATIKSHA DATTATRAY		P	P	P	P	P
25.	MARKAD TRUSHAL NAVNATH		P	P	P	P	P
26.	MOMIN SULTAN AZIZ		P	P	P	P	P
27.	MOMIN TOHIT JAMIL		P	P	P	P	P
28.	MOMIN ZEENAT SADIK		P	P	P	P	P
29.	PATHAN IMRAN KHAJABHAI		P	P	P	P	P
30.	SARADE SAYALI BHARAT		P	P	P	P	P
31.	SHAIKH SAKIB AYUB		P	P	P	P	P
32.	SHELAKHE DNYANESHWAR MANSING		P	P	P	P	P
33.	SHEDE SHRADDHA ANIL		P	P	P	P	P
34.	SHINDE ABHIJEET JIVAN		P	P	P	P	P
35.	SHINDE KIRAN GORAKH		P	P	P	P	P
36.	SHINDE SHARAD DHANAJI		P	P	P	P	P
37.	TALEKAR PRATIKSHA SHRIKANT		P	P	P	P	P
38.	TAMBE MAYURI SHYAMSUNDAR		P	P	P	P	P
39.	SHAIKH AZCA ISMAIL		P	P	P	P	P
40.	KAKADE RUSHIKESH KISAN		P	P	P	P	P




SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST:**

**PUNE.**

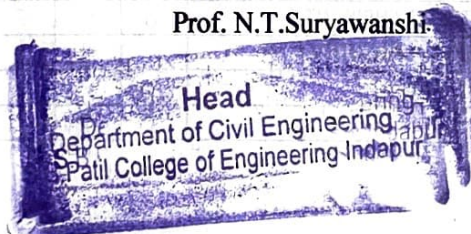
**DEPARTMENT OF CIVIL ENGINEERING**

41.	PADULE NISHANT SHAHAJI	P	P	P	P	P
42.	SAWANT PUJA DATTATRAY	P	P	P	P	P
43.	BORATE RUSHIKESH MURLIDHAR	P	P	P	P	P
44.	CHOBHARKAR SHUBHAM MILIND	P	P	P	P	P
45.	DHAVAL SRAVABH ANIL	P	P	P	P	P
46.	DHOTRE VISHAL VILAS	P	P	P	P	P
47.	GAIKWAD VAISHNAVI VASUDEO	P	P	P	P	P
48.	GUND DNYANESHWARI PRAKASH	P	P	P	P	P
49.	JADHAV ROHIT DATTATRAY	P	P	P	P	P
50.	KANCHE SANDIP GOKUL	P	P	P	P	P
51.	LATE PRAJAKTA RAGHUNATH	P	P	P	P	P
52.	LONKAR CHAKRADHAN SUKHDEV	P	P	P	P	P
53.	MANE ATUL SURESH	P	P	P	P	P
54.	MANE SUYASH SAMPAT	P	P	P	P	P
55.	PAVANE SAGAR RAMDAS	P	P	P	P	P
56.	RUPNAWAR VARSHA BALU	P	P	P	P	P
57.	TAMBOLI TAUFIK BADSHAHA	P	P	P	P	P
58.	KATKAR SHIVRAJ KISHOR	P	P	P	P	P
59.	GHOOGARE AKSHAY RAJENDRA	P	P	P	P	P

  
**Program Coordinator**  
Prof. S.M. Kale

  
**HOD**  
Prof. N.T. Suryawanshi

  
**Principal**  
Dr. P.D. Nemade



**S.B. Patil College of Engineering**  
**Vangali, Tal. Indapur, Dist. Pune**



ACA - R-49

Rev : 00

Date: 01.07.2014

Ref: SPVP/SBPCOE/CIVIL/2018-19

**VAP Report-SE**

Academic Year: 2018-19

Semester: I/II

Date: 22/12/2018

To,  
The Principal,  
SBPCOE,

Indapur.

**Subject: - Activity Report of Value Added Program on "AUTOCAD Drafting" conducted from 17/12/2018 TO 21/12/2018**

Respected sir,

With reference to above mentioned subject Value Added Program conducted on "AUTOCAD Drafting" from 17/12/2018 TO 21/12/2018 the Second year students .

**Objectives:**

- The objective of this course is to teach students the basic commands and tools necessary for professional 2D and 3D drawing design and drafting using AutoCAD.
- After completing this course students will be able to Use AutoCAD. for daily working process
- Students will be able to Navigate throughout Autocad using major navigating tools

Prof. S.M Kale was the event speaker .The speaker has delivered practical aspects of the Autocad in civil enngineering. This VAP consist of different command to be used for 2D and 3D drafting.This 2D and 3D drafting Commands are useful for drafting different civil engineering projects.

To make this event successful 59 students were present. As a coordinator of this event ,I would like to thank our Management, Principal and our student volunteers for their support and continuous encouragement to organize this value added program .



**Outcomes:**

- Demonstrate basic concepts of the AutoCAD software.
- Apply basic concepts to develop construction (drawing) techniques.
- Ability to manipulate drawings through editing and plotting techniques.

Thanking you

  
**Program Coordinator**

Prof. S.M. Kale

  
**HOD**

Prof. N.T. Suryawanshi

**Head**

Department of Civil Engineering  
S.B. Patil College of Engineering Indapur



Prof. S.M. Kale was the event speaker. The speaker has delivered practical aspects of the AutoCAD software. This VAP consists of different commands to be used for 2D and 3D drafting. This 2D and 3D drafting commands are useful for drafting different civil engineering projects. Students will be able to Navigate throughout AutoCAD using major navigating tools. After completing this course, students will be able to use AutoCAD for daily working process.

To make this event successful 50 students were present. As a coordinator of this event, I would like to thank our Management Principal and our student volunteers for their support and continuous encouragement to organize this value added program.





2

SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST:**  
**PUNE.**

**DEPARTMENT OF COMPUTER ENGINEERING**

ACM - R-  
Rev : 00  
Date: 01.07.2014

VAP - BE

Academic Year: 2018-19

Semester: I /II

Date: 28/03/2019

Ref: SPVP/SBPCOE/COMP/

NAME OF THE VALUE ADDED PROGRAM:- **ETHICAL HACKING**

SESSION:- \_\_\_\_\_ DURATION:- 30 Hrs. CLASS BE

PROGRAM COORDINATOR:- Prof. Sayyad G. G.

**SYLLABUS/ COURSE CONTENT**

Sr. No.	Course Content	Number of Hours
1.	Introduction to Ethical Hacking: Problem Definition – Need for Security – Essential Terminology	2
2.	Elements of Security – Phases – Hacktivism	2
3.	Modes of Ethical Hacking	2
4.	Security Testing – Computer Crimes and Implications – Legal Perspective (US Federal Law).	2
5.	Defining Footprinting: Information Gathering Methodology – Unearthing Initial Information	2
6.	Tool: Sam spade – Locate the Network Range – Tool: NeoTrace , Visual Route –Scanning: Detecting 'Live' Systems On Target	2
7.	Network –Tools: War Dialers, Ping Utilities – Port Scanning – Tool: ipEye, IPSecScan, NetScan Tools Pro 2003, SuperScan 3.0, NMap(Network Mapper)	2
8.	Active Stack Fingerprinting – Passive Fingerprinting - Proxy Servers – Anonymizers.	2
9.	Introduction to Enumeration – Net Bios Null Sessions – NetBIOS Enumeration – Hacking Tool: DumpSec, NAT, - SNMP Enumeration	2
10.	Hacking Tool: GetAcct - Active Directory Enumeration - AD Enumeration countermeasures – System Hacking: Administrator Password Guessing – Performing automated password guessing	2
11.	Tool: Legion, NTInfoScan – Password Sniffing-Privilege Escalation Manual Password Cracking Algorithm -	2




**SHAHAJIRAO PATIL VIKAS PRATISHTHAN**  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST:**  
**PUNE.**

**DEPARTMENT OF COMPUTER ENGINEERING**

	Automatic Password Cracking Algorithm - Password Types - Types of Password Attack	
12.	Trojans and Backdoors: Working of Trojans - Various Trojan Genre	2
13.	Modes of Transmission – Tools: Donald Dick, SubSeven, Back Oriffice 2000, NetBus, Beast.	2
14.	Introduction to sniffers - Security Concern- Tool: Ethereal, Snort, Windump, Etherpeek – Passive Sniffing - Active Sniffing - EtherFlood dsniff	2
15.	ARP Spoofing – Sniffing HTTPS and SSH – Man in the Middle Attack - Macof, MailSnarf, URLSnarf, WebSpy	2

  
**Program Coordinator/HOD**

  
**Principal**  
**S. B. Patil College of Engineering**  
**Vangali, Tal. Indapur, Dist. Pune**

**SCHEDULE**

Date	Day	Time	Course Content
04/04/2018	1.	3.00 pm to 5.00 Pm	Introduction to Ethical Hacking: Problem Definition – Need for Security – Essential Terminology
04/04/2018	2.	3.00 pm to 5.00 Pm	Elements of Security – Phases – Hacktivism
05/04/2018	3.	3.00 pm to 5.00 Pm	Modes of Ethical Hacking
06/04/2018	4.	3.00 pm to 5.00 Pm	Security Testing – Computer Crimes and Implications – Legal Perspective (US Federal Law).
11/04/2018	5.	3.00 pm to 5.00 Pm	Defining Footprinting: Information Gathering Methodology – Unearthing Initial Information
12/04/2018	6.	3.00 pm to 5.00 Pm	Tool: Sam spade – Locate the Network Range – Tool: NeoTrace , Visual Route –Scanning: Detecting 'Live' Systems On Target
13/04/2018	7.	3.00 pm to 5.00 Pm	Network –Tools: War Dialers, Ping Utilities – Port Scanning – Tool: ipEye, IPsecScan, NetScan Tools Pro 2003, SuperScan 3.0, NMap(Network Mapper)
14/04/2018	8.	3.00 pm to 5.00 Pm	Active Stack Fingerprinting – Passive Fingerprinting - Proxy Servers – Anonymizers.
15/04/2018	9.	3.00 pm to 5.00 Pm	Introduction to Enumeration – Net Bios Null Sessions – NetBIOS Enumeration – Hacking Tool: DumpSec, NAT, - SNMP Enumeration
19/04/2018	10.	3.00 pm to 5.00 Pm	Hacking Tool: GetAcct - Active Directory Enumeration - AD Enumeration countermeasures –





**SHAHAJIRAO PATIL VIKAS PRATISHTHAN**  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST:**  
**PUNE.**

**DEPARTMENT OF COMPUTER ENGINEERING**

			System Hacking: Administrator Password Guessing – Performing automated password guessing
25/04/2018	11.	3.00 pm to 5.00 Pm	Tool: Legion, NTInfoScan – Password Sniffing- Privilege Escalation Manual Password Cracking Algorithm - Automatic Password Cracking Algorithm - Password Types - Types of Password Attack
26/04/2018	12.	3.00 pm to 5.00 Pm	Trojans and Backdoors: Working of Trojans - Various Trojan Genre
27/04/2018	13.	3.00 pm to 5.00 Pm	Modes of Transmission – Tools: Donald Dick, SubSeven, Back Orifice 2000, NetBus, Beast.
28/04/2018	14.	3.00 pm to 5.00 Pm	Introduction to sniffers - Security Concern- Tool: Ethereal, Snort, Windump, Etherpeek – Passive Sniffing - Active Sniffing - EtherFlood dsniff
29/04/2018	15.	3.00 pm to 5.00 Pm	ARP Spoofing – Sniffing HTTPS and SSH
30/04/2018	16.	3.00 pm to 5.00 Pm	Man in the Middle Attack - Macof, MailSnarf, URLSnarf, WebSpy

**Program Coordinator/HOD**

**Principal**  
**S.B. Patil College of Engineering**  
**Vangali, Tal. Indapur, Dist. Pune**

**ATTENDANCE**

Sr.No.	Name of Student/ Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1.	Bandgar Sunil Ajinath	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P
2.	Bhavar Mira Dattatraya	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P
3.	Bhilare Aishwarya Sudhakar	P	A	P	P	A	P	P	P	P	A	P	P	P	P	A
4.	Bhosale Prajakta Anandkumar	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P
5.	Bhuse Shital Ganesh	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P
6.	Chavan Tulsabai Shahaji	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P
7.	Dhanave Pallavi Arjun	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P
8.	Dhuke Yogesh Appaso	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P
9.	Gaikwad Komal Ramkrishna	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P



SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST:**  
**PUNE.**

**DEPARTMENT OF COMPUTER ENGINEERING**

10.	Gaikwad Yogita Gorakh	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P
11.	Khajjapawar Shubham Digambar	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P
12.	Khan Sakib Nasir	A	P	P	P	P	P	A	P	P	P	P	P	P	P	A
13.	Kokare Varsha Hanumant	P	A	P	P	P	P	P	P	A	P	P	P	P	P	A
14.	Kurnawal Kshitija Rajiv	P	A	P	P	P	P	A	P	P	P	P	P	P	A	P
15.	Lengare Arati Ramchandra	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P
16.	Mahadik Reshma Mohan	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P
17.	Salunke Aruna Madhukar	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P
18.	Shinde Ajinkya Abhay	P	A	P	P	P	P	A	P	P	P	P	P	P	A	P
19.	Thorve Minakshi Sharad	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20.	Todkari Priyanka Sudhir	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21.	Wagh Avishkar Vitthal	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P
22.	Waghmode Rupali Namdeo	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P
23.	Hole Shubham Sunil	P	P	P	A	P	P	P	A	P	P	P	P	P	A	P
24.	Padase Dhanashri Bharat	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P

  
Program Coordinator/HOD

  
Principal  
**S.B. Patil College of Engineering**  
Vangali, Tal. Indapur, Dist. Pune





SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE**  
**DEPARTMENT OF COMPUTER ENGINEERING**

ACA – R-49

Rev : 00

Date: 01.07.2014

**VAP Report- BE**

Academic Year: 2018-19

Semester: I/II

Ref: SPVP/SBPCOE/COMP/2020-21

Date: 10/05/2019

To,  
The Principal,  
SBPCOE,  
Indapur.

**Subject: - Activity Report of Value Added Program on “Ethical Hacking” conducted from 02/04/2019 TO 30/04/2019.**

Respected sir,

With reference to above mentioned subject Value Added Program conducted on “**Ethical Hacking**” from 02/04/2019 TO 30/04/2019 the final year students .

**Objectives:**

- To Know the purpose and objective of ethical hacking and to evaluate the security of the system and identify vulnerabilities in target systems, networks or system infrastructure.
- To find and then attempt and exploit vulnerabilities to determine whether unauthorized access or other malicious activities are possible.

Prof. Shah. D. N was the event speaker .The speaker has delivered live demonstration on Ethical Hacking as well as provided basic and helpful information regarding Ethical Hacking to the students. He had also explained the various industry requirements and importance of data security from enemies and virus analysis.

To make this event successful 25+ students were present. As a coordinator of this event ,I would like to thank our Management, Principal and our student volunteers for their support and continuous encouragement to organize this value added program .




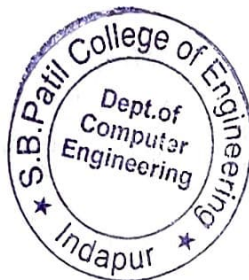
SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE**  
**DEPARTMENT OF COMPUTER ENGINEERING**


**Outcomes:**

- Students should understand the purpose and objective of ethical hacking and able to evaluate the security of system and identify vulnerabilities in target systems, networks or system infrastructure.
- Students should be able to attempt and exploit vulnerabilities and determine whether unauthorized access or other malicious activities are possible.

Thanking you

  
**Program Co-ordinator**  
Prof. G. G. Sayyad



  
**HOD**  
Prof. S. A. Sirdeshpande  
**HEAD**  
Department of Computer Engineering  
S. B. Patil College of Engineering, Indapur





SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST:**  
**PUNE.**

**DEPARTMENT OF COMPUTER ENGINEERING**

ACM – R-

Rev : 00

Date: 01.07.2014

VAP

Academic Year: 2018-19

Semester: I /II

Date: 31/03/2019

Ref: SPVP/SBPCOE/COMP/

NAME OF THE VALUE ADDED PROGRAM:- Hadoop

SESSION:- \_\_\_\_\_ DURATION: 30 Hrs. CLASS TE

PROGRAM COORDINATOR Prof. P. P. Belsare

**SYLLABUS/ COURSE CONTENT**

Sr. No.	Course Content	Number of Hours
1.	Introduction to Big data-Hadoop	2 hr
2.	Installation Configuration of Hadoop	2 hr
3.	Hadoop Architecture	2 hr
4.	HDFS	2 hr
5.	MAPREDUCE	2 hr
6.	HBASE	2 hr
7.	HIVE	2 hr
8.	PIG	2 hr
9.	SQOOP	2 hr
10.	KAFKA	2 hr
11.	OOZIE	2 hr
12.	HADOOP 2.0 and Spark	2 hr
13.	Introduction to YARN aka MR2 and Stinger Initiative and Tez	2 hr
14.	Big Data Use cases	2 hr
15.	Real Time Project	2 hr

Program Coordinator/HOD

Principal

**S.B. Patil College of Engineering**  
**Vangali, Tal. Indapur, Dist. Pune**



SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST:**  
**PUNE.**




**DEPARTMENT OF COMPUTER ENGINEERING**

**SCHEDULE**

Date	Day	Time	Course Content
4/4/19	1.	3-5pm	Introduction to Big data-Hadoop
5/4/19	2.	3-5pm	Installation Configuration of Hadoop
11/4/19	3.	3-5pm	Hadoop Architecture
12/4/19	4.	3-5pm	HDFS
13/4/19	5.	3-5pm	MAPREDUCE
18/4/19	6.	3-5pm	HBASE
19/4/19	7.	3-5pm	HIVE
25/4/19	8.	3-5pm	PIG
26/4/19	9.	3-5pm	SQOOP
27/4/19	10.	3-5pm	KAFKA
6/5/19	11.	3-5pm	OOZIE
7/5/19	12.	3-5pm	HADOOP 2.0 and Spark
8/5/19	13.	3-5pm	Introduction to YARN aka MR2 and Stinger Initiative and Tez
13/5/19	14.	3-5pm	Big Data Use cases
14/5/19	15.	3-5pm	Real Time Project

  
Program Coordinator/HOD

  
Principal  
S. B. Patil College of Engineering  
Vangali, Tal. Indapur, Dist. Pune

Principal  
S. B. Patil College of Engineering  
Vangali, Tal. Indapur, Dist. Pune









SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST:**  
**PUNE.**

**DEPARTMENT OF COMPUTER ENGINEERING**

Sr.No.	Name of Student/ Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
32.	KHARAT ABHIJIT BABURAO	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33.	SHINDE AKSHAY JALINDAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34.	GANGE APPA VIKRAM	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
35.	DHANAWADE PHULABAI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
36.	MOHITE DAMINI MARUTI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
37.	TAMBOLI SHEHNAJ SULEMAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
38.	CHAUDHARI SONALI DILIP	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39.	BHAIRU LAL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40.	SHELAR HARSHADA VIJAY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
41.	PARBHANE PRADNYA MANOHAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
42.	SAKHARE DIPALI BALU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
43.	KADU POOJA JAYDRATH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Program Coordinator/HOD

Principal

**Principal**  
S. B. Patil College of Engineering  
Indapur, Tal. Indapur, Dist. Pune





SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE**  
**DEPARTMENT OF COMPUTER ENGINEERING**

ACA – R-49

Rev : 00

Date: 01.07.2014

VAP Report- TE

Academic Year: 2018-19

Semester: I/II

Ref: SPVP/SBPCOE/COMP/2018-19

Date: 14/05/2019

To,  
The Principal,  
SBPCOE,  
Indapur.

**Subject: - Activity Report of Value Added Program on “Big Data and Hadoop” conducted from 04/04/2019 TO 14/05/2019.**

Respected sir,

With reference to above mentioned subject Value Added Program conducted on “Big Data and Hadoop” from 04/04/2019 TO 14/05/2019 for the Third Year students.

**Objectives:**

- During this Hadoop Big Data Training Courses, Students will get elaborated information about the procedures to store Big Data, tools and techniques, and developing a Big Data strategy.
- Students will also obtain your insights into a full-fledged concept of Big Data and Hadoop define Hadoop cluster requirements and will be able to cover all the essential topics to increase their earning calibre.

Prof. Marathe S. M. was the event speaker. The speaker has delivered live demonstration on Big Data and Hadoop as well as provided basic and helpful information regarding HDFS (Hadoop Distributed File System), MapReduce, YARN, HBase, Pig, Hive, Sqoop, Flume, Kafka, Zookeeper, Spark, etc., are the main components of Hadoop in Big Data to the students. He had also explained the various industry requirements and importance of Big Data and Hadoop.



SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE**  
**DEPARTMENT OF COMPUTER ENGINEERING**

To make this event successful 25+ students were present. As a coordinator of this event, I would like to thank our Management, Principal and our student volunteers for their support and continuous encouragement to organize this value added program.

**Outcomes:**

- Students should be able to elaborate information about the procedures to store Big Data, tools and techniques, and developing a Big Data strategy.
- Students should be able to obtain your insights into a full-fledged concept of Big Data and Hadoop define Hadoop cluster requirements and will be able to cover all the essential topics to increase their earning calibre.

Thanking you.

**Program Co-ordinator**  
Prof. P.P. Belsare



**HOD**

Prof. S. A. Sirdeshpande

**HEAD**

Department of Computer Engineering  
S. B. Patil College of Engineering, Indapur





SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST:**  
**PUNE.**

**DEPARTMENT OF COMPUTER ENGINEERING**

ACM - R-  
Rev : 00  
Date: 01.07.2014

VAP

Academic Year: 2018-2019

Semester: I / II

Date: 27/03/2019

Ref: SPVP/SBPCOE/COMP/

NAME OF THE VALUE ADDED PROGRAM:- SAP

SESSION:- 2018-2019 DURATION: 30 Hrs.

CLASS SE

PROGRAM COORDINATOR:- S.B.Bandgar

**SYLLABUS/ COURSE CONTENT**

Sr. No.	Course Content	Number of Hours
1.	Introduction to SAP	2 hr
2.	Technical grade SAP modules	2 hr
3.	SD with CIN	2 hr
4.	Finance and Controlling (FICO)	2 hr
5.	Production and planning (PP)	2 hr
6.	Supply chain management (SCM)	2 hr
7.	Material management (MM)	2 hr
8.	SAP modules for sales and development (SD)	2 hr
9.	Human resource management (HRM)	2 hr
10.	SAP modules for sales and development (SD)	2 hr
11.	Finance and Controlling (FICO)	2 hr
12.	SD with CIN.	2 hr
13.	Supply chain management (SCM)	2 hr
14.	Production and planning (PP)	2 hr
15.	Technical grade SAP modules.	2 hr



SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST:  
PUNE.**

DEPARTMENT OF COMPUTER ENGINEERING

**SCHEDULE**

Date	Day	Time	Course Content
1/4/20	1.	3-5pm	Introduction to SAP
4/4/20	2.	1.45-2.45pm	Technical grade SAP modules
7/4/19	3.	1.45-2.45pm	SD with CIN
9/4/19	4.	1.45-2.45pm	Finance and Controlling (FICO)
10/4/19	5.	1.45-2.45pm	Production and planning (PP)
11/4/20	6.	3-5pm	Supply chain management (SCM)
14/4/20	7.	1.45-2.45pm	Material management (MM)
19/4/20	8.	1.45-2.45pm	SAP modules for sales and development (SD)
21/4/20	9.	3-5pm	Human resource management (HRM)
25/4/20	10.	1.45-2.45pm	SAP modules for sales and development (SD)
27/4/20	11.	1.45-2.45pm	Finance and Controlling (FICO)
2/5/20	12.	1.45-2.45pm	SD with CIN.
5/5/20	13.	3-5 pm	Supply chain management (SCM)
8/5/20	14.	1.45-2.45pm	Production and planning (PP)
11/5/20	15.	1.45-2.45pm	Technical grade SAP modules.

Program Coordinator/HOD

HEAD

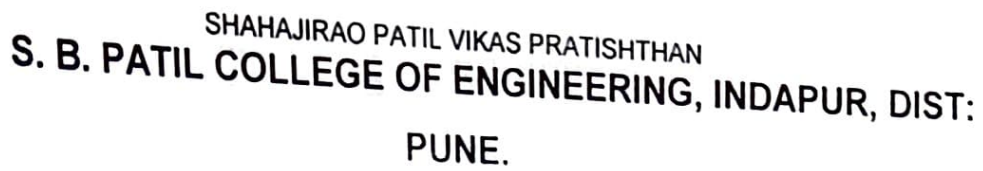
Department of Computer Engineering  
S.B. Patil College of Engineering, Indapur

Principal

Principal

S.B. Patil College of Engineering  
Vangali, Tal. Indapur, Dist. Pune



[illegible]









SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST:**  
**PUNE.**

**DEPARTMENT OF COMPUTER ENGINEERING**

	PANDURANG	P	P	P	A	P	P	P	P	P	P	A	P	P	A
48	SALUNKHE PRATIK BALU	P	P	P	A	P	P	P	A	P	P	A	P	P	P
49	SATHE NEHARATNA RAVINDRA	P	A	P	P	P	P	P	A	P	P	P	P	P	P
50	SONAVANE ANURADHA SHIVAJI	P	P	P	P	P	P	A	P	P	P	P	P	P	A
51	TONAPE ANJALI RAVINDRA	A	P	P	A	P	P	P	P	P	P	A	P	P	P
52	WABALE PRATIBHA PAVAN	P	P	P	P	P	P	A	P	P	P	P	P	P	A
53	WAGHMODE DIPIKA GORAKH	A	P	P	P	A	P	P	A	P	P	P	P	P	P
54	WAGHMODE RAJASHREE MAHADEV	P	P	A	P	P	P	P	A	P	P	P	A	P	P

Program Coordinator/HOD

HEAD

Department of Computer Engineering  
S.B. Patil College of Engineering, Indapur

Principal

Principal

S.B. Patil College of Engineering  
Vangali, Tal. Indapur, Dist. Pune



SHAHAJIRAO PATIL VIKAS PRATISHTHAN

**B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE**

**DEPARTMENT OF COMPUTER ENGINEERING**

ACA – R-49

Academic Year: 2018-19

Rev : 00

VAP Report-SE

Semester: I/II

Date: 01.07.2014

Ref: SPVP/SBPCOE/COMP/2020-21

Date: 12/05/2019

To,  
The Principal,  
SBPCOE,  
Indapur.

Subject: - Activity Report of Value Added Program on "SAP" conducted from  
01/04/2019 To 11/05/2019

Respected sir,

With reference to above mentioned subject Value Added Program conducted on "SAP" from  
01/04/2019 To 11/05/2019 the Second year students .

**Objectives:**

- To Know the purpose and objective of SAP Finance and Controlling and to evaluate the security of the system and identify vulnerabilities in target systems, networks or system infrastructure.
- To find and then attempt and exploit vulnerabilities to determine whether unauthorized access or other malicious activities are possible.

Prof. Devkar.S.N was the event speaker .The speaker has delivered live demonstration on SAP as well as provided basic and helpful information regarding SAP to the students. He had also explained the various industry requirements and importance of SAP from enemies and virus analysis.





SHAHAJIRAO PATIL VIKAS PRATISHTHAN

**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE**

**DEPARTMENT OF COMPUTER ENGINEERING**

To make this event successful 25+ students were present. As a coordinator of this event I would like to thank our Management, Principal and our student volunteers for their support and continuous encouragement to organize this value added program.

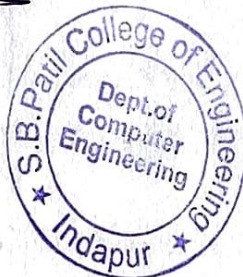
**Outcomes:**

- Students should understand the purpose and objective of ethical hacking and able to evaluate the security of system and identify vulnerabilities in target systems, networks or system infrastructure.
- Students should be able to attempt and exploit vulnerabilities and determine whether unauthorized access or other malicious activities are possible.

Thanking you

Program Co-ordinator

S.B.Bandgar



HOD

Prof. S.A.Sirdeshpande

HEAD

Department of Computer Engineering  
S. B. Patil College of Engineering, Indapur



**SHAHAJIRAO PATIL VIKAS PRATISHTHAN**  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE**

**DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING**

ACA – R-

Rev : 00

Date: 01.07.2014

Ref: SPVP/SBPCOE/E&TC/2018-19

**VAP-SE**

Academic Year: 2018-2019

Semester: I

Date: 14/07/2018

**Name of the Value Added Program:** Introduction to 'C' Language

**Session:** 2018-19

**Duration:** 30 Hrs.

**Class:** SE

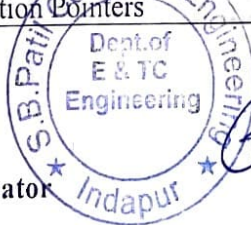
**Coordinator:** Prof. N. R. Kekan

**Syllabus / Course Content**

Sr. No.	Course Content	Number of Hours
1.	Basic of C and First Program 1a. Why Programming 1b. History of C Language 1c. Hello World Program	3
2.	Variables and Data types 2a. Identifiers in C, Variables and Data Types, Constants, hands on with data types	3
3.	Console IO Operations 3a. Printf and Scanf 3b. Unformatted IO Functions	2
4.	Operators and Expressions 4a. Expressions and Arithmetic Operators 4b. Relational and Logical Operators 4c. Bitwise Operators	3
5.	Control Flow Statements 5a. If Statement 5b. Switch Statement 5c. Unconditional Branching using goto statement 5d. While Loop, Do While Loop, For Loop, Break and Continue 5e. Special Cases	8
6.	Working with Functions 6a. Introduction and Writing Functions 6b. Scope of Variables, Storage Classes, Pass by Value and reference 6c. Recursion, Arrays Declaration and Initialization 6d. Sample Programs using Arrays, Arrays as Function Parameters, 2-Dimensional Array	7
7	Pointers 7a. Introduction to Pointers 7b. Pointers as Function Parameter, Pointer Arithmetic 7c. Pointer Arithmetic, Pointers and Arrays 7d. Function Pointers	5

**Program Coordinator**

Prof. N. R. Kekan



**HOD HEAD**

Department of E & TC Engineering  
S. B. Patil College of Engineering, Indapur.

**Principal**

S. B. Patil College of Engineering  
Vangel, Tal. Indapur, Dist. Pune





SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.

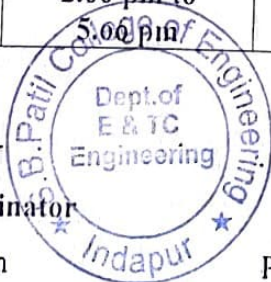
DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

VAP Schedule -SE

Date	Day	Time	Course Content
14/7/2018	1	2.00 pm to 5.00 pm	Basic of C and First Program Why Programming History of C Language Hello World Program
25/7/2018	2	2.00 pm to 5.00 pm	Variables and Data types Identifiers in C, Variables and Data Types, Constants Console IO Operations Printf and Scanf . Unformatted IO Functions
11/8/2018	3	2.00 pm to 5.00 pm	Operators and Expressions Expressions and Arithmetic Operators Relational and Logical Operators Bitwise Operators
25/8/2018	4	2.00 pm to 5.00 pm	If Statement Switch Statement Unconditional Branching using goto statement
08/9/2018	5	2.00 pm to 5.00 pm.	While Loop, Do While Loop,
22/9/2018	6	3.00 pm to 5.00 pm.	For Loop, Break and Continue, special cases
29/9/2018	7	4.00 pm to 5.00 pm s.	Working with Functions Introduction and Writing Functions
13/10/2018	8	2.00 pm to 5.00 pm	Scope of Variables, Storage Classes, Pass by Value and reference
27/10/2018	9	4.00 pm to 5.00 pm	Recursion, Arrays Declaration and Initialization
10/11/2018	10	3.00 pm to 5.00 pm	Sample Programs using Arrays , Arrays as Function Parameters, 2- Dimensional Array
24/11/2018	11	3.00 pm to 5.00 pm	Pointers Introduction to Pointers Pointers as Function Parameter, Pointer Arithmetic
8/12/2018	12	2.00 pm to 5.00 pm	Pointer Arithmetic, Pointers and Arrays7d. Function Pointers

Program Coordinator

Prof.N.R.Kekan



HOD

Prof. A. C. Bhosale

HEAD

Department of E & TC Engineering  
S.B. Patil College of Engineering, Indapur.

Principal

Dr. P. D. Nemade

S.B. Patil College of Engineering  
Vangali, Tal. Indapur, Dist. Pune

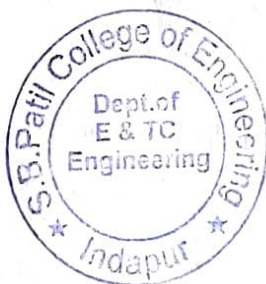


SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**

**DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING**

**VAP Attendance - SE**

Sr.No	Day -> Name of Student / Day	1 14 7	2 25 7	3 11 8	4 28 8	5 8 9	6 22 9	7 29 9	8 13 10	9 27 10	10 10 11	11 24 11	12 8 12
1	Gaikwad Akshay B	P	P	P	P	P	P	P	A	P	P	P	P
2	Ghadage Rahul R	P	P	P	P	P	P	P	P	P	A	P	P
3	Jadhav Amruta Pratap	P	P	P	P	P	P	P	P	P	A	P	P
4	Jadhav Puja Bibhishan	P	P	P	P	P	P	P	P	P	P	P	A
5	Karande Bhairavnath	P	A	P	P	P	P	P	P	P	P	P	P
6	Kulkarni Sharvari D	P	P	P	P	P	P	A	P	P	P	P	P
7	Londhe Vaibhavari B	P	P	P	P	P	P	P	P	P	P	P	P
8	Navale Swapnil Popat	P	P	P	P	P	P	P	P	P	P	P	P
9	Pise Sagar Shahaji	P	P	P	P	P	A	P	P	P	P	P	P
10	Shinde Kalpesh A	P	P	P	P	P	P	P	P	P	P	P	P
11	Thorat Komal Ajit	P	P	P	P	P	P	P	P	P	P	P	P



**Program Coordinator**

Prof. N.R. Kekan

**HOD**

Prof. A.C. Bhosale

**HEAD**

Department of E & TC Engineering  
S.B. Patil College of Engineering, Indapur

**Principal**

Dr. P. D. Nemade

**Principal**

S.B. Patil College of Engineering  
Vangali, Tal. Indapur, Dist. Pune





SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE**  
DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

ACA – R-49

Rev : 00

Date: 01.07.2014

**VAP Report-SE**

Academic Year: 2018-19

Semester: I

Ref: SPVP/SBPCOE/E & TC/2018-19

Date: 22/12/2018

To,  
The Principal,  
SBPCOE,  
Indapur.

**Subject: - Activity Report of Value Added Program on “ Introduction to C Language ”  
conducted from 14/07/2018 to 08/12/2018 .**

Respected sir,

With reference to above mentioned subject Value Added Program conducted on “Introduction to C Language” from 14/07/2018 to 08/12/2018 for the SE E&TC students .

**Objectives:**

- To acquire the fundamental principles, concepts and constructs of computer program .
- To develop competency for the design,coding and debugging.
- To build the programming skills using ‘C’ to solve real world problems.

Prof. N.R.Kekan as event speaker had delivered lectures on Introduction of C languages . which includes of all the basic data types ,functions,structure,loop,arrays which will be helpful for students in placement as well as to solve real time problems

Kekan sir had covered all programs with Hands on of C languages which includes while loop ,switch statement,if statement,for loop ,goto statement etc.

To make this event successful 11+ students were present. As a coordinator of this event ,I would like to thank our Management, Principal and our student volunteers for their support and continuous encouragement to organize this value added program .







SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST:  
PUNE.**

**DEPARTMENT OF COMPUTER ENGINEERING**

**SCHEDULE**

Date	Day	Time	Course Content
6/4/2017	1.	3-5pm	Introduction to Big data-Hadoop
7/4/2017	2.	3-5pm	Installation Configuration of Hadoop
8/4/2017	3.	3-5pm	Hadoop Architecture
13/4/2017	4.	3-5pm	HDFS
14/4/2017	5.	3-5pm	MAPREDUCE
20/4/2017	6.	3-5pm	HBASE
21/4/2017	7.	3-5pm	HIVE
22/4/2017	8.	3-5pm	PIG
27/4/2017	9.	3-5pm	SQOOP
28/4/2017	10.	3-5pm	KAFKA
4/5/2017	11.	3-5pm	OOZIE
5/5/17	12.	3-5pm	HADOOP 2.0 and Spark
11/5/17	13.	3-5pm	Introduction to YARN aka MR2 and Stinger Initiative and Tez
12/5/17	14.	3-5pm	Big Data Use cases
13/5/17	15.	3-5pm	Real Time Project

  
Program Coordinator/HOD



  
Principal  
Principal

**S. B. Patil College of Engineering  
Vangali, Tal. Indapur, Dist. Pune**

S. B. Patil College of Engineering  
Vangali, Tal. Indapur, Dist. Pune





SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST:

PUNE.

DEPARTMENT OF COMPUTER ENGINEERING

ATTENDANCE

Sr.No.	Name of Student/ Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1.	Arkile Rupali Anil	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2.	Burkule Samriddhi Sarjerao	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3.	Chavan Akshay Mahadev	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4.	Chayan Shweta Rajaram	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5.	Dombale Suvarna Bhau	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6.	Dhatunde Swapnali Devraj	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7.	Dombale Suvarna Bhau	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8.	Gaikwad Pragati Rajesh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9.	Gaikwad Prajakta Pandurang	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10.	Garde Bharati Dalaso	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11.	Gole Kanchan Uttam	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12.	Hole Shubham Sunil	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13.	Jadhav Ajit Ramchandra	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14.	Jadhav Aparna	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15.	Jadhav Komal	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16.	Jadhav Reshma Bharat	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17.	Jagdale Suvidha Yijay	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18.	Khendad Sonam Nagesh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19.	Kulkarni Venkatesh Pradeep	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20.	Lakade Sharmila Dnyande	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21.	Madhekar Sanjiv Maruti	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22.	Markad Shital Ashok	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23.	More Rani	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24.	Nalavade Komal T.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25.	Nanavane Neshi Sani ay	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26.	Nikam Rajshri Gorakhnath	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27.	Nikam Shital Tatyasaheb	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28.	Padase Dhanashri Bharat	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29.	Pakale Pradnya Bharat	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30.	Pansare Tejaswi Bhausaheb	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31.	Patale Patil Prajakta	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
32.	Patil Shubhangi Daulatrao	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33.	Pawar Amruta Machhindra	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34.	Shinde Ashish Uttam	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
35.	Shinde Komal Vilas	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
36.	Shinde Supriya Dilip	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
37.	Tengale Priyanka S.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
38.	Waghmode Madhura B.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Program Coordinator/HOD



Principal

S. B. Patil College of Engineering  
Vangali, Tal. Indapur, Dist. Pune





SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE**  
**DEPARTMENT OF COMPUTER ENGINEERING**

ACA – R-49

Rev : 00

Date: 01.07.2014

**VAP Report- TE**

Academic Year: 2016-17

Semester: I/II

Date: 13/05/2017

Ref: SPVP/SBPCOE/COMP/2016-17

To,  
The Principal,  
SBPCOE,

Indapur.

**Subject: - Activity Report of Value Added Program on "Big Data and Hadoop" conducted from 06/04/2017 To 13/05/2017.**

Respected sir,

With reference to above mentioned subject Value Added Program conducted on "Big Data and Hadoop" from 06/04/2017 TO 13/05/2017 the Third Year year students .

**Objectives:**

- During this Hadoop Big Data Training Courses, Students will get elaborated information about the procedures to store Big Data, tools and techniques, and developing a Big Data strategy.
- Students will also obtain your insights into a full-fledged concept of Big Data and Hadoop define Hadoop cluster requirements and will be able to cover all the essential topics to increase their earning calibre.

Prof. Marathe S. M. was the event speaker .The speaker has delivered live demonstration on Big Data and Hadoop as well as provided basic and helpful information regarding HDFS (Hadoop Distributed File System), MapReduce, YARN, HBase, Pig, Hive, Sqoop, Flume, Kafka, Zookeeper, Spark, etc., are the main components of Hadoop in Big Data to the students. He had also explained the various industry requirements and importance of Big Data and Hadoop.



SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE**

**DEPARTMENT OF COMPUTER ENGINEERING**

To make this event successful 25+ students were present. As a coordinator of this event, I would like to thank our Management, Principal and our student volunteers for their support and continuous encouragement to organize this value added program.

**Outcomes:**

- Students should be able to elaborate information about the procedures to store Big Data, tools and techniques, and developing a Big Data strategy.
- Students should be able to obtain your insights into a full-fledged concept of Big Data and Hadoop define Hadoop cluster requirements and will be able to cover all the essential topics to increase their earning calibre.

Thanking you

**Program Co-ordinator**

Prof. J.N.Ekatpure



**HOD**

Prof. S. A. Sirdeshpande

**HEAD**

Department of Computer Engineering  
S. B. Patil College of Engineering, Indapur





SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST:**  
**PUNE.**

**DEPARTMENT OF COMPUTER ENGINEERING**

ACM – R-  
Rev : 00  
Date: 01.07.2014

VAP

Academic Year: 2016-2017

Semester: I /II

Ref: SPVP/SBPCOE/COMP/

Date: 01/04/2017

NAME OF THE VALUE ADDED PROGRAM:- SAP

SESSION:- 2016-2017 DURATION:30 Hrs.  
CLASS SE

PROGRAM COORDINATOR:- S.B.Bandgar

**SYLLABUS/ COURSE CONTENT**

Sr. No.	Course Content	Number of Hours
1.	Introduction to SAP	2 hr
2.	Technical grade SAP modules	2 hr
3.	SD with CIN	2 hr
4.	Finance and Controlling (FICO)	2 hr
5.	Production and planning (PP)	2 hr
6.	Supply chain management (SCM)	2 hr
7.	Material management (MM)	2 hr
8.	SAP modules for sales and development (SD)	2 hr
9.	Human resource management (HRM)	2 hr
10.	SAP modules for sales and development (SD)	2 hr
11.	Finance and Controlling (FICO)	2 hr
12.	SD with CIN.	2 hr
13.	Supply chain management (SCM)	2 hr
14.	Production and planning (PP)	2 hr
15.	Technical grade SAP modules.	2 hr




SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST:**  
**PUNE.**

**DEPARTMENT OF COMPUTER ENGINEERING**

**SCHEDULE**

Date	Day	Time	Course Content
3/4/17	1.	3-5pm	Introduction to SAP
7/4/17	2.	1.45-2.45pm	Technical grade SAP modules
13/4/17	3.	1.45-2.45pm	SD with CIN
17/4/17	4.	1.45-2.45pm	Finance and Controlling (FICO)
21/4/17	5.	1.45-2.45pm	Production and planning (PP)
24/4/17	6.	3-5pm	Supply chain management (SCM)
26/4/17	7.	1.45-2.45pm	Material management (MM)
29/4/17	8.	1.45-2.45pm	SAP modules for sales and development (SD)
3/5/17	9.	3-5pm	Human resource management (HRM)
4/5/17	10.	1.45-2.45pm	SAP modules for sales and development (SD)
9/5/17	11.	1.45-2.45pm	Finance and Controlling (FICO)
12/5/17	12.	1.45-2.45pm	SD with CIN.
14/5/17	13.	3-5 pm	Supply chain management (SCM)
15/5/17	14.	1.45-2.45pm	Production and planning (PP)
17/5/17	15.	1.45-2.45pm	Technical grade SAP modules.

  
Program Coordinator/HOD

**HEAD**

Department of Computer Engineering  
S. B. Patil College of Engineering, Indapur

  
Principal

**Principal**

S. B. Patil College of Engineering  
Vangali, Tal. Indapur, Dist. Pune





SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST:**  
**PUNE.**

**DEPARTMENT OF COMPUTER ENGINEERING**

**ATTENDANCE**

Sr.No.	Student	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1.	BANDGAR SUNIL AJINZATH	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
2.	BHAVAR MIRA DATTATRAYA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3.	BHILARE AISHWARYA SUDHAKAR	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
4.	BHOSALE PRAJAKTA ANANDKUMAR	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
5.	BHUSE SHITAL GANESH	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
6.	CHAVAN TULSABAI SHAHAJI	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
7.	DHANAVE PALLAVI ARJUN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8.	DHUKHE YOGESH APPASO	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
9.	GAIKWAD KOMAL RAMKRISHNA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10.	GAIKWAD YOGITA GORAKH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11.	KADAM SONAL RAVINDRA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12.	KATE AJAY SOMNATH	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13.	KHAJJIEPAWARSHUBHAM DIGAMBAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14.	KHAN SAKIB NASIR	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
15.	KOKARE VARSHA HANUMANT	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
16.	KOTMIRE NISARGA ANIL	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17.	KURNAVAL KSHITIA RAJIV	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18.	LENGARE ARATI RAMCHANDRA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19.	MAHADIK RESHMA MOHAN	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
20.	MISKIN RAMESHWAR ARJUN	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
21.	NANAWARE APARNA SOMDATT	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22.	RAUT PAYAL SANJAY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23.	SALUNKE ARUNA MADHUKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24.	SHINDE AJINKYA ABHAY	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25.	THORVE MINAKSHI SHARAD	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26.	TODKARI PRIYANKA SUDHIR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27.	UBALE PRASHANT HANUMANT	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
28.	WAGH AVISHKAR VITTHAL	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
29.	WAGH MADHURA LAXMAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30.	WAGHMODE RUPALI NAMDEO	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P

Program Coordinator/HOD

HEAD

Department of Computer Engineering  
S. B. Patil College of Engineering, Indapur

Principal

Principal

S. B. Patil College of Engineering  
Vangali, Tal. Indapur, Dist. Pune

SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE**  
DEPARTMENT OF COMPUTER ENGINEERING

ACA - R-49

Rev : 00

Date: 01.07.2014

VAP Report-SE

Academic Year: 2016-17

Semester: I/II

Ref: SPVP/SBPCOE/COMP/2020-21

Date: 08/05/2017

To,  
The Principal,

SBPCOE,

Indapur.

Subject: - Activity Report of Value Added Program on "SAP" conducted from  
03/04/2017 To 17/05/2017

Respected sir,

With reference to above mentioned subject Value Added Program conducted on "SAP" from  
03/04/2017 To 17/05/2017 the Second year students .

**Objectives:**

- To Know the purpose and objective of SAP Finance and Controlling and to evaluate the security of the system and identify vulnerabilities in target systems, networks or system infrastructure.
- To find and then attempt and exploit vulnerabilities to determine whether unauthorized access or other malicious activities are possible.

Prof. Devkar.S.N was the event speaker .The speaker has delivered live demonstration on SAP as well as provided basic and helpful information regarding SAP to the students. He had also explained the various industry requirements and importance of SAP from enemies and virus analysis.



SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE**

**DEPARTMENT OF COMPUTER ENGINEERING**

To make this event successful 25+ students were present. As a coordinator of this event .I would like to thank our Management, Principal and our student volunteers for their support and continuous encouragement to organize this value added program .

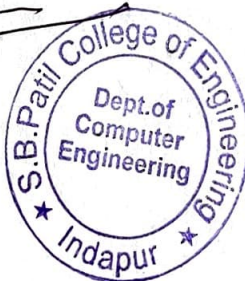
**Outcomes:**

- Students should understand the purpose and objective of ethical hacking and able to evaluate the security of system and identify vulnerabilities in target systems, networks or system infrastructure.
- Students should be able to attempt and exploit vulnerabilities and determine whether unauthorized access or other malicious activities are possible.

Thanking you

Program Co-ordinator

S.B.Bandgar



HOD

Prof. S.A.Sirdeshpande

HEAD

Department of Computer Engineering  
S.B. Patil College of Engineering, Indapur



SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**  
DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

ACA – R-38

Rev : 00

Date: 01.07.2014

**Notice**

Academic Year: 2016-17

Semester: I & II

Ref: SPVP/SBPCOE/ETC/2016-17

Date: 14/12/2016

All the students of SE/TE/BE herewith informed that we will have Value Added Program (VAP) along with your curricular subjects. All are requested to attend the lectures of same without fail. Details of the program as follow:

**The main objectives of the Value Added Program are:**

- To provide students an understanding of the expectations of industry.
- To improve employability skills of students.
- To bridge the skill gaps and make students industry ready.
- To provide an opportunity to students to develop inter-disciplinary skills.

Sr. No.	Class	Value Added Program	Coordinator
1	SE	Introduction to C Language	Prof. N.R.Kekan
2	TE	Product Development Life Cycle	Prof.A.S.Zadbuke
3	BE	Robotics	Prof. C.V.Nalawade

Program Coordinator

H.O.D

Prof. A.C.Bhosale

**HEAD**

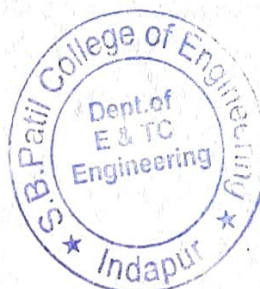
Department of E & TC Engineering  
S.B.Patil College of Engineering, Indapur.

Principal

Dr.P.D.Nemade

**Principal**

S.B.Patil College of Engineering  
Vangali, Tal. Indapur, Dist. Pune







5

**SHAHAJIRAO PATIL VIKAS PRATISHTHAN**  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**

**DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING**

ACA - R-

Rev : 00

Date: 01.07.2014

Ref: SPVP/SBPCOE/E&TC/2016-17

**VAP-SE**

Academic Year: 2016-2017

Semester: I & II

Date: 03/07/2016

**Name of the Value Added Program:** *Introduction to C Language*

**Session:** 2016-17

**Duration:** 30 Hrs.

**Class:** SE

**Coordinator:** Prof. N. R. Kekan

**Syllabus / Course Content**

Sr. No.	Course Content	Number of Hours
1.	Introduction and First Program 1a. Why Programming 1b. History of C Language 1c. Hello World Program	3
2.	Variables and Data types 2a. Identifiers in C, Variables and Data Types, Constants	3
3.	Console IO Operations 3a. Printf and Scanf 3b. Unformatted IO Functions	2
4.	Operators and Expressions 4a. Expressions and Arithmetic Operators 4b. Relational and Logical Operators 4c. Bitwise Operators	3
5.	Control Flow Statements 5a. If Statement 5b. Switch Statement 5c. Unconditional Branching using goto statement 5d. While Loop, Do While Loop, For Loop, Break and Continue 5e. Special Cases	8
6.	Working with Functions 6a. Introduction and Writing Functions 6b. Scope of Variables, Storage Classes, Pass by Value and reference 6c. Recursion, Arrays Declaration and Initialization 6d. Sample Programs using Arrays, Arrays as Function Parameters, 2-Dimensional Array	7
7.	Pointers 7a. Introduction to Pointers 7b. Pointers as Function Parameter, Pointer Arithmetic 7c. Pointer Arithmetic, Pointers and Arrays 7d. Function Pointers	5

*[Signature]*  
Program Coordinator

Prof. N. R. Kekan

*[Signature]*  
HOD

HEAD

*[Signature]*  
Principal

Dr. P. D. Nemade

Department of E & TC Engineering  
S. B. Patil College of Engineering, Indapur

Principal  
S. B. Patil College of Engineering  
Vandali, Tal. Indapur, Dist. Pune



SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**

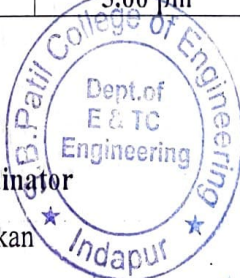
DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

**VAP Schedule -SE**

Date	Day	Time	Course Content
09/07/2016	1	2.00 pm to 5.00 pm	Introduction and First Program Why Programming History of C Language Hello World Program
23/07/2016	2	2.00 pm to 5.00 pm	Variables and Data types Identifiers in C, Variables and Data Types, Constants Console IO Operations Printf and Scanf .Unformatted IO Functions
30/07/2016	3	2.00 pm to 5.00 pm	Operators and Expressions Expressions and Arithmetic Operators Relational and Logical Operators Bitwise Operators
13/08/2016	4	2.00 pm to 5.00 pm	If Statement Switch Statement Unconditional Branching using goto statement
27/08/2016	5	2.00 pm to 5.00 pm.	While Loop, Do While Loop,
10/9/2016	6	3.00 pm to 5.00 pm.	For Loop, Break and Continue, special cases
24/9/2016	7	4.00 pm to 5.00 pm s.	Working with Functions Introduction and Writing Functions
8/10/2016	8	2.00 pm to 5.00 pm	Scope of Variables, Storage Classes, Pass by Value and reference
15/10/2016	9	4.00 pm to 5.00 pm	Recursion, Arrays Declaration and Initialization
22/10/2016	10	3.00 pm to 5.00 pm	Sample Programs using Arrays , Arrays as Function Parameters, 2-Dimensional Array
29/10/2016	11	3.00 pm to 5.00 pm	Pointers Introduction to Pointers Pointers as Function Parameter, Pointer Arithmetic
12/11/2016	12	2.00 pm to 5.00 pm	Pointer Arithmetic, Pointers and Arrays7d. Function Pointers

  
Program Coordinator

Prof.N.R.Kekan



  
HOD

Prof.A.C. Bhosale

  
Principal

Dr. P. D. Nemade

Department of E & TC Engineering  
S.B.Patil College of Engineering, Indapur.

S.B.Patil College of Engineering  
Vangali, Tal. Indapur, Dist. Pune



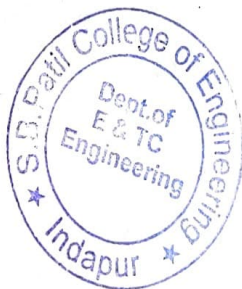


SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

VAP Attendance - SE

Sr.No	Day -> Name of Student / Day	1	2	3	4	5	6	7	8	9	10	11	12
		9/7	23/7	30/7	13/8	27/8	10/9	24/9	8/10	15/10	22/10	29/10	12/11
1	Bagwan Saifali Shakeel	P	P	P	P	P	A	P	P	P	P	P	P
2	Bhongale Arati Sharad	P	P	P	P	P	P	P	P	P	P	P	P
3	Dhadde Ankita Shivling	P	P	P	P	P	P	P	A	P	P	P	P
4	Dirgude Vidya Bibhishan	P	P	P	P	P	P	P	P	A	P	P	P
5	Doke Swaranjali Devidas	P	P	P	P	P	P	P	P	P	P	P	P
6	Kumbhar Kranti Rajeshkhar	A	P	P	P	P	P	P	P	P	P	P	P
7	Lokhande Laxmi sopan	P	P	P	P	P	P	P	P	P	P	P	P
8	Madane shrinivas shivaji	P	P	P	P	P	A	P	P	P	P	P	P
9	Mane pratiksha A	A	P	P	P	P	P	P	P	P	P	P	P
10	Misal Rekha	P	P	P	P	P	A	P	P	P	P	P	P
11	More Kiran	P	P	P	P	P	P	P	P	P	P	P	P
12	Narute tejaswini Dattu	P	P	P	P	P	P	P	P	P	P	P	P
13	Ohal Akash Ranjendra	P	P	P	P	P	P	P	P	P	P	P	P
14	Patil Abhijeet Rajendra	P	P	P	P	P	P	P	P	P	P	P	P
15	Patil Swati Dhanaji	P	P	P	P	P	P	P	P	P	P	P	P
16	Rupanwar Jyoti Baban	P	P	P	P	P	A	P	P	P	P	P	P
17	Shaikh Alisagar Husen	P	P	P	P	A	P	P	P	P	P	P	P
18	Shete Pruthanjali Mahesh	P	P	P	P	A	P	P	P	P	P	P	P
19	Shinde Resma subhash	P	P	P	P	A	P	P	P	P	P	P	P
20	Thorat Vaishanvi vishnu	P	P	P	P	P	P	P	P	P	P	P	P
21	Waghmode Sachin Suresh	P	P	P	P	P	P	P	P	P	A	P	P



*[Signature]*

Program Coordinator

Prof.N.R.Kekan

*[Signature]*

HOD

Prof.A.C.Bhosale

*[Signature]*  
Principal

Dr. P. D. Nemade

Department of E & TC Engineering  
S.B. Patil College of Engineering, Indapur

S.B. Patil College of Engineering  
Vangali, Tal. Indapur, Dist. Pune



SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE**  
DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

ACA – R-49

Rev : 00

Date: 01.07.2014

**VAP Report-SE**

Academic Year: 2016-17

Semester: I

Ref: SPVP/SBPCOE/E & TC/2016-17

Date: **20/12/2016**

To,  
The Principal,  
SBPCOE,  
Indapur.

Subject: - Activity Report of Value Added Program on “ Introduction to C Language ”  
conducted from 09/07/2016 to 12/11/2016 .

Respected sir,

With reference to above mentioned subject Value Added Program conducted on “Introduction to C Language” from 09/07/2016 to 12/11/2016 for the SE E&TC students .

**Objectives:**

- To acquire the fundamental principles, concepts and constructs of computer program .
- To develop competency for the design,coding and debugging.
- To build the programming skills using ‘C’ to solve real world problems.

Prof. N.R.Kekan as event speaker had delivered lectures on Introduction of C languages . which includes of all the basic data types ,functions,structure,loop,arrays which will be helpful for students in placement as well as to solve real time problems

To make this event successful 25+ students were present. As a coordinator of this event ,I would like to thank our Management, Principal and our student volunteers for their support and continuous encouragement to organize this value added program .



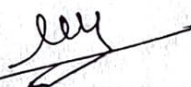


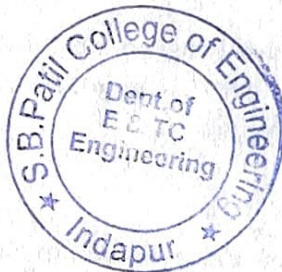
SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE**  
DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING


**Outcomes:**

- Use modular programming approach in diversified problem domains.
- Apply programming logic to solve real world problems.
- Decide effectiveness of computer based solutions.

Thanking you

  
Program Coordinator  
Prof.N.R.Kekan



  
HOD  
Prof.A.C. Bhosale  
Department of E & TC Engineering  
S.B.Patil College of Engineering, Indapur.



SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**  
Department Of Electronics And Telecommunication Engineering

ACA – R -

Rev : 00

Date: 01.07.2014

Class: TE

VAP-TE

Academic Year: 2016-17

Semester: I/II

Ref: SPVP/SBPCOE/ETC/2016-17

Date: 01/07/2016

Name of the Value Added Program: - Product Development Life Cycle

Session: 2016-17

Duration:-30 Hrs.

Class-TE

Coordinator: - Prof. A.S .Zadbuke

Syllabus/ Course Content

Sr. No.	Course Content	Number of Hours
1.	Introduction to Product Development life cycle, Industrial design, user-centered design, five elements of successful design, Packaging and factors, assembly and disassembly, grounding, shielding	3
2.	Hardware Design & testing methods, . Identifying the requirements, formulating specifications, design specifications, System partitioning, Prototyping	3
3.	Software Design, Types of Software. Waterfall model of software development. Models, Good Programming practice. User interface .Embedded, Real time software.	4
4.	PCB design, Fundamental Definitions, Standards. Understand the electrical parameters, Creating the schematic, schematic capture tool to create your PCB layout. ,	3
5	Design your PCB stackup, define design rules and requirements, Insert drill holes., Route the traces, Grounding Methodologies, Bypassing and decoupling	4
6	Product Debugging and Testing, Steps of Debugging, Techniques for troubleshooting, Inspection and test of components, Simulation using Proteus software	4
7	Hands on Testing methods, Prototyping and testing, Integration, validation and verification. Troubleshooting various points	4
8	Documentation: need, and types of documentation. Records, Accountability, and Liability, Presentation, and Preservation of documents, Layout of documentation, Bill of material	5

Program Coordinator

Prof.A.S.Zadbuke

H.O.D

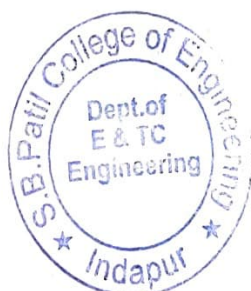
Prof.A.C.Bhosale

Principal

Dr.P.D.Nemadale

HEAD  
Department of E & TC Engineering  
S.B.Patil College of Engineering,Indapur.

S.B.Patil College of Engineering  
Vangali, Tal. Indapur, Dist. Pune









SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**  
DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

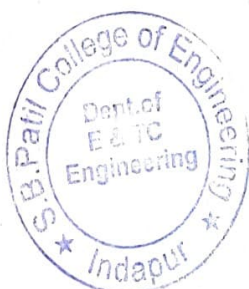
**VAP Schedule -TE**

Date	Day	Time	Course Content
3/7/2016	1.	10am to 2 pm	Introduction to Product Development life cycle, Industrial design, user-centered design, five elements of successful design, Packaging and factors, assembly and disassembly, grounding, shielding
10/7/2016	2.	10am to 2 pm	Hardware Design & testing methods, . Identifying the requirements, formulating specifications, design specifications, System partitioning, Prototyping
17/7/2016	3.	10am to 2 pm	Software Design, Types of Software. Waterfall model of software development. Models, Good Programming practice. User interface .Embedded, Real time software.
24/7/2016	4.	10am to 2 pm	PCB design, Fundamental Definitions, Standards. Understand the electrical parameters, Creating the schematic, schematic capture tool to create your PCB layout. ,
31/7/2016	5.	10am to 2 pm	Design your PCB stackup, define design rules and requirements, Insert drill holes., Route the traces, Grounding Methodologies, Bypassing and decoupling
7/8/2016	6.	10am to 2 pm	Product Debugging and Testing, Steps of Debugging, Techniques for troubleshooting, Inspection and test of components, Simulation using Proteus software
14/8/2016	7.	10am to 2 pm	Hands on Testing methods, Prototyping and testing, Integration, validation and verification. Troubleshooting various points
21/8/2016	8.	10am to 12pm	Documentation: need, and types of documentation. Records, Accountability, and Liability, Presentation, and Preservation of documents, Layout of documentation, Bill of material

  
**Program Coordinator**  
Prof.A.S.Zadbukey

  
**H.O.D**  
Prof.A.C.Bhosale  
**HEAD**  
Department of E & TC Engineering  
S.B.Patil College of Engineering, Indapur.

  
**Principal**  
Dr.P.D.Nemade  
**S.B.Patil College of Engineering**  
Vangali, Tal. Indapur, Dist. Pune





SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE**

ACA – R-49

Rev : 00

Date: 01.07.2014

**VAP Report-TE**

Academic Year: **2016-17**

Semester: I/II

Ref: SPVP/SBPCOE/ETC/2018-19

Date: 29/ 08/2016

To,  
The Principal,  
SBPCOE, Indapur.

**Subject: - Activity Report of Value Added Program on “ Product Development Life Cycle ”  
conducted from 3/7/2016 TO 21/8/2016**

Respected sir,

With reference to above mentioned subject Value Added Program conducted on “Product Development Life Cycle” from 3/7/2016 TO 21/8/2016 the TE E&TC students .

**Objectives:**

- To understand the stages of product (hardware/ software) design and development.
- To be acquainted with methods of PCB design and different tools used for PCB Design
- To understand the importance of testing in product design cycle.
- To understand the processes and importance of documentation

Prof. P.R.Taware as event speaker had delivered live demonstration on PCS design as well as provided basic and helpful information regarding how the product will be designed from requirement to packaging as final product. He had also explained the various industry requirements in the sector of product design and innovation .

To make this event successful 28+ students were present. As a coordinator of this event ,I would like to thank our Management, Principal and our student volunteers for their support and continuous encouragement to organize this value added program .





SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE**

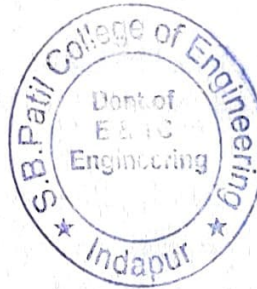
**Outcomes:**

- Understand various stages of hardware, software and PCB design
- Importance of product test & test specifications
- Special design considerations and importance of documentation

Thanking you

  
Program Coordinator

Prof. A.S. Zadbukey





H.O.D

Prof. A.C. Bhosale

**HEAD**


Department of E & TC Engineering  
S.B. Patil College of Engineering, Indapur.




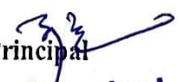
SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.  
DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

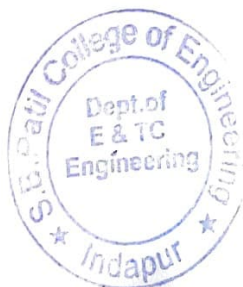
VAP Attendance - TE

Sr.No	Day ->	1	2	3	4	5	6	7	8	
Name of Student										
1. BAGWAN ADILAHMAD AJIJ		P	P	P	A	P	A	P	A	
2. CHAVAN NAVANATH BALASAHEB		P	A	P	P	A	P	P	A	
3. DHARURKAR AISHWARYA		P	P	P	P	A	P	P	P	
4. GHAYAL NAMRATA BHAUSO		A	P	A	A	P	A	P	P	
5. GUGALE PRIYA VIJAYKUMAR		P	P	P	P	P	P	P	P	
6. HEGADE RAJANI MACHINDRA		P	A	P	P	P	P	A	P	
7. KADAM DHANASHRI NAGNATH		P	P	P	P	P	A	A	P	
8. KAMBLE PRIYANKA RAMESH		P	P	P	A	A	P	A	A	
9. KHARSE RAKESH ANANT		P	P	P	P	P	P	P	P	
10. KOKATE SONALI MOHAN		A	P	P	P	P	A	P	P	
11. KOLI ROHINI GANGADHAR		P	A	P	P	P	P	A	P	
12. KUMBHAR PRAVIN LAXMAN		P	P	A	P	A	P	A	P	
13. MANE MANGESH CHANDRAKANT		P	P	P	P	P	A	P	P	
14. MANE SUSHAMA NAGANATH		P	P	P	P	P	A	P	A	
15. MOTE POONAM MARUTI		P	A	P	A	P	P	A	P	
16. NALE AKSHAY NARSU		P	P	A	A	A	P	A	P	
17. NIGADE TUSHAR RAMRAJE		A	P	P	P	P	P	P	P	
18. PATHAK DIPALI SUBHASH		P	A	P	P	P	P	P	P	
19. PAWAR TUSHAR SURESH		P	P	P	A	P	P	A	A	
20. RUPANAVAR PRIYANKA TANAJI		P	P	P	P	P	P	A	P	
21. RUPANAVAR RAMANAND ASHOK		P	P	A	P	A	P	P	P	
22. SALUNKE VAIBHAV SHIVAJI		A	P	P	P	P	P	P	P	
23. SHAIKH NISAR IKBAL		A	P	P	P	P	P	A	P	
24. SHINDE AKSHAY MADHAV		P	A	P	P	P	A	A	A	
25. SHINDE GAURI RAJENDRA		P	P	A	A	A	P	P	P	
26. SHINDE SHROTIKA ANKUSH		P	P	P	P	A	A	P	P	
27. SHINDE VAIBHAV RAJSINH		P	A	P	A	P	A	A	P	
28. WAGHMODE SWATI BALASO		P	P	A	P	P	P	A	A	
29. WARE PALLAVI RAMESH		A	P	P	P	P	P	P	P	
30.		P	A	P	A	P	P	P	P	

  
Program Coordinator  
Prof.A.S.Zadbuke

  
H.O.D  
Prof.A.C.Bhosale  
**HEAD**

  
Principal  
Dr.P.D.Yemada  
**Principal**  
S.B.Patil College of Engineering  
Vangali, Tal. Indapur, Dist. Pune







7

**SHAHAJIRAO PATIL VIKAS PRATISHTHAN**  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**  
DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

ACA - R -

Rev : 00

Date: 01.07.2014

Class: TE

Ref: SPVP/SBPCOE/E&TC/2016-17/

Academic Year: 2016-17

VAP-BE

Semester: I/II

Date: 14/12/2016

Name of the Value Added Program: Robotics

Session: 2016-17 Duration: 30 Hrs

Class: BE

Program Coordinator: Prof.C.V.Nalawade

**Syllabus/ Course Content**

Sr.No	Course Content	No.ofHrs
1	Introduction to robotics and Application Important characteristics of a Robot, Classification of Robots	4
2	Introduction to Firebird V robot , Installation of IDE and downloader software Programming in Embedded C, Data types, variables, constants	4
3	Logical and conditional operation, Looping ,functions Array, pointer and strings	4
4	Input/output devices interfacing(Switch, LED ,Buzzer) Timer ,counter operations	4
5	LCD display interfacing,PWM operation Sensors applications and interfacing ( IR, ultrasonic)	4
6	Actuators applications and interfacing ( DC motor,sevomotor) Interfacing with mechanical components(gripper assembly), selection of components (I/O,sensors,Actuators ,Microcontroller, material),	4
7	Analog sensor interfacing using Analog to Digital Conversion(Temperature) White line sensor interfacing and Sharp sensor interfacing	4
8	Application of Robot <ul style="list-style-type: none"><li>Line Following Robot</li><li>Obstacle Detection robot</li><li>Pick and place robot using zigbee</li><li>Introduction to robotics and Application</li></ul>	2

  
Program Coordinator

Prof.C.V.Nalawade

  
HOD

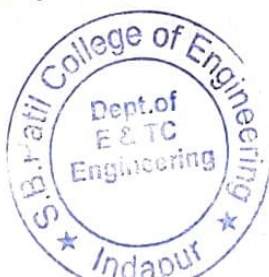
Prof.A.C.Bhosale

  
Principal

Dr.R.D.Nemade

Department of E & TC Engineering  
S.B.Patil College of Engineering, Indapur

S.B.Patil College of Engineering  
Vangali, Tal. Indapur, Dist. Pune





**SHAHAJIRAO PATIL VIKAS PRATISHTHAN**  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**  
DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

**VAP Shehdule**

Date	Day	Time	Course Content
24/12/2016	1	10am to 2 pm	Introduction to robotics and Application Important characteristics of a Robot, Classification of Robots
25/12/2016	2	10am to 2 pm	Introduction to Firebird V robot , Installation of IDE and downloader software  Programming in Embedded C, Data types, variables, constants
31/12/2016	3	10am to 2 pm	Logical and conditional operation, Looping ,functions  Array, pointer and strings
8/01/2017	4	10am to 2 pm	Input/output devices interfacing(Switch, LED ,Buzzer)  Timer ,counter operations
14/01/1017	5	10am to 2 pm	LCD display interfacing,PWM operation  Sensors applications and interfacing ( IR, ultrasonic)
15/01/2017	6	10am to 2 pm	Actuators applications and interfacing ( DC motor,sevomotor)  Interfacing with mechanical components(gripper assembly), selection of components (I/O,sensors,Actuators ,Microcontroller, material),
22/01/2017	7	10am to 2 pm	Analog sensor interfacing using Analog to Digital Conversion(Temperature)  White line sensor interfacing and Sharp sensor interfacing
28/01/2017	8	10 am to 12 pm	Application of Robot <ul style="list-style-type: none"><li>• Line Following Robot</li><li>• Obstacle Detection robot</li><li>• Pick and place robot using zigbee</li><li>• Introduction to robotics and Application</li></ul>

  
Program Coordinator

Prof.C.V.Nalawade

  
HOD

Prof.A.C.Bhosale

  
Principal

Dr.P.D.Nemade



Department of E & TC Engineering  
S.B.Patil College of Engineering,Indapur.

S.B.Patil College of Engineering  
Vangali,Tal.Indapur,Dist.Pune





SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**  
DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

**VAP Attendance-BE**

Sr.No	Day-> Name Of Student	1	2	3	4	5	6	7	8
1.	Argade Pratik Pralhad	P	P	P	P	P	P	P	P
2.	Bagal Tejashree Mahadeo	P	A	P	P	P	A	P	P
3.	Bansode Navanath Pandurang	P	P	P	A	A	P	A	P
4.	Bhanwase Komal Shivaji	P	P	P	P	P	P	A	P
5.	Bhong Yogesh Prakash	P	P	P	P	P	P	P	P
6.	Bhosale Anjali Bapurao	P	P	A	P	P	P	P	A
7.	Bhosale Gaurav Balaji	P	P	P	P	P	P	P	P
8.	Bhosale Kiran Uttam	P	P	P	P	P	P	P	P
9.	Bhosale Swapnil Bhagwan	P	P	P	P	P	P	P	P
10.	Chaure Snehal Ramesh	P	P	P	P	P	P	P	P
11.	Chavan Puja Dattatraya	P	P	P	P	P	P	P	P
12.	Darade Sagar Sudarshan	P	P	P	A	P	P	A	P
13.	Deokate Snehal Mangesh	P	P	P	P	P	P	P	P
14.	Deshmukh Nisha Surendra	P	P	P	P	P	P	P	P
15.	Dhavale Swapnali Sukumar	P	P	P	P	P	P	P	P
16.	Diwate Shraddha Subhash	P	P	P	P	P	P	P	P
17.	Gadhawe Swapnali Narayan	A	P	P	P	P	P	P	P
18.	Gaikwad Parmeshwar Raghunath	A	P	P	A	P	P	P	P
19.	Galande Abhijeet Bapusaheb	P	P	P	P	P	P	P	P
20.	Ghogare Priyanka Bhauso	P	P	P	P	P	P	A	P
21.	Gore Balaji Dnyandeo	P	P	P	P	P	P	A	P
22.	Jadhav Pappu Shivaji	P	A	P	A	P	P	P	P
23.	Jagtap Amol Dadasaheb	P	P	P	P	A	P	P	P
24.	Kale Saloni Dnyanadeo	P	P	P	P	P	P	A	A
25.	Kamble Dnyaneshwar Babasaheb	A	P	P	A	P	P	P	P
26.	Kanherkar Bharati Sahebrao	P	P	P	P	P	P	P	P
27.	Kokare Puja Dnyandev	P	P	P	P	P	P	P	P
28.	Kokare Varsharani Ravindra	P	P	P	P	P	P	P	P
29.	Kumbhar Avdhut Dattatray	P	P	P	P	P	P	P	P
30.	Makhare Sonal Sunil	P	P	P	A	P	P	P	P
31.	Mane Bharat Yetal	P	P	P	P	P	P	P	P
32.	Mane Nikhil Dilip	P	P	P	P	P	P	P	P
33.	Mhetre Archana Mohan	P	P	P	P	P	P	P	P
34.	Mote Komal Rajendra	P	P	P	P	P	P	P	P
35.	Pawar Harshad Rajendra	P	P	P	P	P	P	P	P
36.	Pawar Punam Sadashiv	A	P	P	P	P	P	P	P
37.	Phadatare Nikhil Vijay	A	P	P	P	P	P	P	P
38.	Pise Rani Subhash	P	P	P	P	A	P	P	P
39.	Pise Sunetra Uttamrao	P	P	P	P	A	P	P	P



**SHAHAJIRAO PATIL VIKAS PRATISHTHAN**  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**  
 DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

40.	Pol Kirti Lalasaheb	P	A	P	P	P	P	P	P
41.	Pophale Swapnali Shahaji	P	A	P	P	P	P	P	P
42.	Raut Vidhya Hanumant	P	P	P	P	P	P	A	A
43.	Rautanand Mahadeo	P	P	P	P	P	A	P	A
44.	Ravi Tejashree	P	P	A	P	P	P	P	P
45.	Sahani Birendrakumar Ramashray	A	A	P	A	P	P	P	P
46.	Sapkal Saraswati Chhagan	P	P	P	P	P	P	P	P
47.	Sapkal Snehal Bapurao	P	P	P	P	P	P	P	P
48.	Sayyad Swaleha Najakat	P	P	P	P	P	A	P	P
49.	Shende Yogita Ramesh	P	P	P	A	P	A	P	P
50.	Shinde Monika Dilip	P	A	P	P	P	P	P	P
51.	Shinde Sonali Narayan	P	P	P	P	P	P	P	P
52.	Shinde Vaibhav Ramesh	P	P	P	P	P	P	P	P
53.	Sutar Pramila Shantilal	P	P	A	P	P	P	P	A
54.	Tambe Puja Ankush	P	P	P	A	P	P	P	P
55.	Tamboli Akibjaved Ayub	A	P	P	P	P	P	P	P
56.	Wagh Sanjay Tukaram	A	P	P	P	P	P	P	P
57.	Zende Kanchan Bhimrao	A	P	P	P	P	P	P	P
58.	Yele Hemant	P	P	P	A	P	P	P	P
59.	Mulani Rijwan	P	P	P	P	P	A	P	A
60.	Kumbhar Vijaykumar	P	P	A	P	A	P	P	P
61.	Padule Sunil Arun	P	P	A	P	A	P	P	P
62.	Baravkar Ganesh Mahadev	P	P	A	P	P	P	P	P
63.	Patawala Amatulla Hakimuddin	P	P	P	A	P	A	P	P
64.	Khadke Sagar Subhash	P	P	P	P	P	P	P	P
65.	Padulle Pooja Shivaji	P	P	P	P	P	P	P	P
66.	Pawar Prasad Prabhakar	P	P	P	P	P	P	P	P

**Program Coordinator**

Prof.C.V.Nalawade

**HOD**

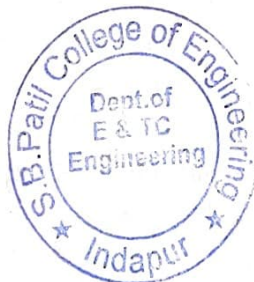
Prof.A.C.Bhosale

**Principal**

Dr.P.D.Nemade

Department of E & TC Engineering  
**S.B.Patil College of Engineering, Indapur.**

**S.B.Patil College of Engineering**  
 Vangali, Tal. Indapur, Dist. Pune





SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE**

ACA – R-49

Rev : 00

Date: 01.07.2014

**VAP Report-TE**

Academic Year: 2016-17

Semester: I/II

Ref: SPVP/SBPCOE/E & TC/2016-17/F12/06

Date: 30/01/2017

To,  
The Principal,  
SBPCOE,  
Indapur.

**Subject: - Activity Report of Value Added Program on "ROBOTICS" conducted from 24-12-2016 to 28-01-2017**

Respected sir,

With reference to above mentioned subject Value Added Program conducted on "ROBOTICS" from 24/12/2017 TO 28/01/2017 for the final year students .

**Objectives:**

To impart knowledge on

- Fundamentals of robot working, programming and integration in a manufacturing process
- Working of robot mechanical, power, measuring and control system, robot kinematics, dynamic, control and programming, Kinematics, path planning and control.
- Visualization on the view of the robotics impact in human future

Prof. Pisal R.S was the event speaker .The speaker has delivered live demonstration on robotics as well as provided basic and helpful information regarding robotics to the students. He had also explained the various industry requirements in the sector of robotics .

As the coordinator of this event, I would like to thank our Management, Principal and our student volunteers for their support and continuous encouragement to organize this value added program .

**Outcomes:**

- Identify the importance of robotics in today and future goods production



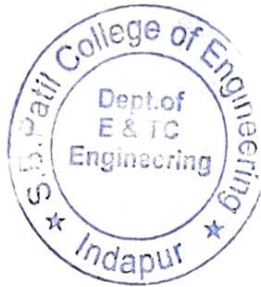
SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE**

- Explore knowledge on basics of robotics programming like VAL, AML
- Perform robot configuration and subsystems
- Analyze the principles of robot programming and handle with typical robot

Thanking you

Program Coordinator

Prof.C.V.Nalawade



HOD

Prof.A.C.Bhosale

**HEAD**

**Department of E & TC Engineering**  
**S.B.Patil College of Engineering, Indapur.**





SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**

DEPARTMENT OF ELECTRICAL ENGINEERING

ACA - R-38

Rev : 00

Date: 01.07.2014

Notice

Academic Year: 2016-17

Semester: I & II

Ref: SPVP/SBPCOE/ELECT/2016-17


Date: 15/66/16


All the students of **SE/TE/BE** herewith informed that we will have Value Added Program (VAP) along with your curricular subjects. The program will be conducted on first and third Saturday. All are requested to attend the lectures of same without fail. Details of the program as follow:

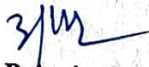
**The main objectives of the Value Added Program are:**

- To provide students an understanding of the expectations of industry.
- To improve employability skills of students.
- To bridge the skill gaps and make students industry ready.
- To provide an opportunity to students to develop inter-disciplinary skills.

Sr. No.	Class	Value Added Program	Time	Coordinator
1	SE	Electrical Wiring Systems	9:30 Am to 11:30 Am	Prof. T.V.Deokar
2	TE	Introduction to MATLAB	9:30 Am to 11:30 Am	Prof. D.D. Changan
3	BE	Industrial Automation	9:30 Am to 11:30 Am	Prof. P.B.Pawar

  
**Program Coordinator**  
Prof. P.B. Pawar

  
**H.O.D**  
Prof. S.R. Karpe

  
**Principal**  
Dr. P.D. Nemade

**S.B. Patil College of Engineering**  
Vangali, Tal. Indapur, Dist. Pune

**HEAD**

Department of Electrical Engineering  
S.B. Patil College of Engineering, Indapur





SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**  
DEPARTMENT OF ELECTRICAL ENGINEERING

ACM – R-

Rev : 00

Date: 01.07.2014

Ref: SPVP/SBPCE/ELECT./2016-17

VAP- SE

Academic Year: 2016-17

Semester: I & II

Date: 15/06/16

**Name of the Value Added Program:** Electrical Wiring Systems

**Session:** 2016-2017

**Duration:** 30 Hrs.

**Class:** SE

**Program Coordinator:** Prof. T.V.Deokar

**SYLLABUS / COURSE CONTENT**

Sr. No.	Course Content	Number of Hours
1.	<p>Electrical engineer is required to work as supervisor &amp; knowledge worker in different organizations and is responsible to provide electrification. Maintain supply prepare design, estimates, read drawing, IE rules, data tables, specification, for all types electrical installation, Provision &amp; maintaining earthing &amp; all protective devices like MCCB,ELCB etc. Also Knowledge of maintenance, LT Lines, transformers, types of cables &amp; wires are essential. Hence this subject has been included as a Value added program in this curriculum.</p> <p>❖ <b>Drawings and IE rules</b></p> <ul style="list-style-type: none"><li>• Classification of electrical installations</li><li>• General requirements of electrical installation</li><li>• Reading &amp; interpretation of electrical engineering drawings &amp; symbols related to installations</li></ul>	2 Hrs.
2.	<ul style="list-style-type: none"><li>• Representation of different types of diagrams, such as schematic, circuit, wiring diagram and its single line representation as per IS code.</li><li>• IE rules related to electrical installation</li></ul>	3 Hrs.
3.	<p>❖ <b>Service connections</b></p> <ul style="list-style-type: none"><li>• Concept of service connection</li><li>• Types of service connections and their features</li><li>• Methods of installation of service connection</li></ul>	2 Hrs.
4.	<ul style="list-style-type: none"><li>• Differentiate between underground and overhead service connection</li><li>• Service connection for 11 KV H. T. Consumer</li></ul>	2 Hrs.
5.	<p>❖ <b>Electrification of residential Installation</b></p> <ul style="list-style-type: none"><li>• Types of wires and wiring methods as per IS No.</li><li>• General rules and guidelines for installation of residential electrification and positioning of equipment</li></ul>	2 Hrs.
6.	<ul style="list-style-type: none"><li>• Calculation of total electrical load in the residential installation</li><li>• Procedure for the design of number of sub circuits</li></ul>	2 Hrs.
7.	<ul style="list-style-type: none"><li>• Method of drawing single line diagram</li><li>• Selection of type of wire and wiring method</li></ul>	2 Hrs.





SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST:PU**

**DEPARTMENT OF ELECTRICAL ENGINEERING**

Sr. No.	Course Content	Number of Hours
8.	<ul style="list-style-type: none"><li>Load calculation and selection of size of wire by considering overload and future expansion</li><li>Determine length of batten and length of wire</li></ul>	2 Hrs.
9.	<ul style="list-style-type: none"><li>Selection of rating for main switch, distribution board, MCB,ELCB, and wiring accessories</li><li>Purpose of earthing and types of earthing</li><li>Determine length and size of earth wire</li></ul>	2 Hrs.
10.	<ul style="list-style-type: none"><li>Prepare list of material for residential installation with their costing</li><li>Total estimation and costing of overall residential installation with proper cost of material, labor charges, contingencies charges</li></ul>	3 Hrs.
11.	<ul style="list-style-type: none"><li>Determine per point charges</li><li>Wiring diagram for residential installation: Single Line and multiline</li></ul>	2 Hrs.
12.	<ul style="list-style-type: none"><li>❖ <b>Electrification of Commercial Installation</b><ul style="list-style-type: none"><li>Concept of commercial installation</li><li>Difference between residential and commercial installation</li><li>Difference between wires and cables</li><li>Types of cables required for commercial installations according to size and core</li><li>General requirements and selection factors for commercial installation</li></ul></li></ul>	4 Hrs.
13.	<ul style="list-style-type: none"><li>❖ <b>Electrification of Industrial Installation</b><ul style="list-style-type: none"><li>Concept of industrial load</li><li>Concept of motor wiring circuit and single line diagram</li><li>Guidelines about power wiring and motor wiring</li></ul></li></ul>	2 Hrs.

  
Program Coordinator

Prof. T.V. Deokar

  
H.O.D

Prof. S.R. Karpe

  
Principal

Principal

Dr. P.D. Nemade  
Department of Electrical Engineering  
S.B. Patil College of Engineering, Indapur.  
Vangali, Tal. Indapur, Dist. Pune



SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST:PUNE.**

**DEPARTMENT OF ELECTRICAL ENGINEERING**

2016-17 SE

**VAP Schedule - SE**

Date	Day	Time	Course Content
02/07/2016	1	2 Hrs.	<ul style="list-style-type: none"><li>❖ <b>Drawings and IE rules</b><ul style="list-style-type: none"><li>• Classification of electrical installations</li><li>• General requirements of electrical installation</li><li>• Reading &amp; interpretation of electrical engineering drawings &amp; symbols related to installations</li></ul></li></ul>
16/07/16	2	3 Hrs.	<ul style="list-style-type: none"><li>• Representation of different types of diagrams, such as schematic, circuit, wiring diagram and its single line representation as per IS code.</li><li>• IE rules related to electrical installation</li></ul>
06/08/16	3	2 Hrs.	<ul style="list-style-type: none"><li>❖ <b>Service connections</b><ul style="list-style-type: none"><li>• Concept of service connection</li><li>• Types of service connections and their features</li><li>• Methods of installation of service connection</li></ul></li></ul>
20/08/16	4	2 Hrs.	<ul style="list-style-type: none"><li>• Differentiate between underground and overhead service connection</li><li>• Service connection for 11 KV H. T. Consumer</li></ul>
03/09/16	5	2 Hrs.	<ul style="list-style-type: none"><li>❖ <b>Electrification of residential Installation</b><ul style="list-style-type: none"><li>• Types of wires and wiring methods as per IS No.</li><li>• General rules and guidelines for installation of residential electrification and positioning of equipment</li></ul></li></ul>
17/09/16	6	2 Hrs.	<ul style="list-style-type: none"><li>• Calculation of total electrical load in the residential installation</li><li>• Procedure for the design of number of sub circuits</li></ul>
01/10/16	7	2 Hrs.	<ul style="list-style-type: none"><li>• Method of drawing single line diagram</li><li>• Selection of type of wire and wiring method</li></ul>
07/01/17	8	2 Hrs.	<ul style="list-style-type: none"><li>• Load calculation and selection of size of wire by considering overload and future expansion</li><li>• Determine length of batten and length of wire</li></ul>
21/01/17	9	2 Hrs.	<ul style="list-style-type: none"><li>• Selection of rating for main switch, distribution board, MCB, ELCB, and wiring accessories</li><li>• Purpose of earthing and types of earthing</li><li>• Determine length and size of earth wire</li></ul>

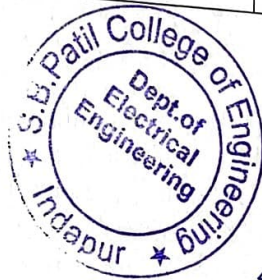






SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE**  
DEPARTMENT OF ELECTRICAL ENGINEERING



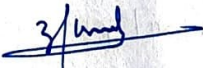
Date	Day	Time	Course Content
04/02/17	10	3 Hrs.	<ul style="list-style-type: none"><li>• Prepare list of material for residential installation with their costing</li><li>• Total estimation and costing of overall residential installation with proper cost of material, labor charges, contingencies charges</li></ul>
18/04/17	11	2 Hrs.	<ul style="list-style-type: none"><li>• Determine per point charges</li><li>• Wiring diagram for residential installation: Single Line and multiline</li></ul>
04/03/17	12	4 Hrs.	<ul style="list-style-type: none"><li>❖ <b>Electrification of Commercial Installation</b><ul style="list-style-type: none"><li>• Concept of commercial installation</li><li>• Difference between residential and commercial installation</li><li>• Difference between wires and cables</li><li>• Types of cables required for commercial installations according to size and core</li><li>• General requirements and selection factors for commercial installation</li></ul></li></ul>
01/09/17	13	2 Hrs.	<ul style="list-style-type: none"><li>❖ <b>Electrification of Industrial Installation</b><ul style="list-style-type: none"><li>• Concept of industrial load</li><li>• Concept of motor wiring circuit and single line diagram</li><li>• Guidelines about power wiring and motor wiring</li></ul></li></ul>



  
**Program Coordinator**  
Prof. T.V. Deokar

  
**H.O.D**  
Prof. S.R. Karpe

**HEAD**  
Department of Electrical Engineering  
S.B. Patil College of Engineering, Indapur.

  
**Principal**  
Dr. P.D. Nemade  
**S.B. Patil College of Engineering**  
Vangali, Tal. Indapur, Dist. Pune





**DEPARTMENT OF ELECTRICAL ENGINEERING**

## VAP Attendance - SE

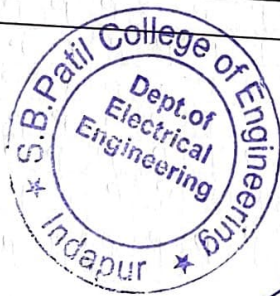
Sr. No.	Name of Student	Day →	1	2	3	4	5	6	7	8	9	10	11	12	13
1.	AMOL POPAT LOKARE		7/7	16/7	26/8	29/8	3/9	17/9	1/10	7/11	21/11	1/12	18/12	1/13	1/14
2.	BHANAWASE BHAIRAVNATH H.		P	P	P	P	A	P	P	P	P	P	P	A	P
3.	BHANGE NIKHIL GOKUL		P	P	P	P	P	P	P	P	P	A	A	P	P
4.	BHANWASE DINESH RAJENDRA		P	P	A	P	P	P	P	P	P	P	P	P	P
5.	BHOGE DADA SUNIL		P	P	P	P	P	P	A	A	P	P	P	A	P
6.	BHOSALE KAJAL SHAHURAJE		P	P	P	P	P	P	P	P	P	P	P	P	A
7.	BHOSALE SWAPNIL VITTHAL		P	A	P	P	P	P	P	P	P	P	P	P	P
8.	BURANGE VAIBHAV VIJAY		P	P	A	P	P	P	P	P	P	P	P	P	P
9.	CHAUGULE SAGAR SHIVAJI		P	P	P	P	P	P	P	P	P	P	P	P	A
10.	CHAVAN ASHWINI BABAN		A	P	P	P	P	P	P	P	P	P	P	P	P
11.	CHETAN CHANDRASHEKHAR RANE		P	P	P	P	P	P	P	P	P	P	P	P	P
12.	DEOKAR RUTUJA SHANTILAL		P	P	A	P	P	P	A	P	P	P	P	P	P
13.	DHAVARE MAHESH MARYAPPA		P	A	P	P	P	P	P	P	P	P	P	P	P
14.	DOL ABHISHEK RAJENDRA		P	P	P	P	P	P	P	P	P	A	A	P	P
15.	GADADE SNEHAL HEMANT		P	P	P	P	P	P	P	P	P	P	A	A	P
16.	GADEKAR SOMNATH SUKHADEO		P	P	P	P	P	P	P	P	P	P	P	P	P
17.	GALANDE PRATIK VILAS		P	P	P	P	P	P	P	P	P	P	P	P	P
18.	GHADGE RADHA SURESH		P	P	P	P	P	P	P	P	P	P	P	P	P
19.	GORE AJAYSINH SURYAKANT		P	P	P	P	P	P	P	P	P	A	P	P	P
20.	GUND PRIYANKA NAMDEO		P	P	P	A	P	P	A	P	P	P	P	P	P
21.	JADHAV ABHIJIT RAJENDRA		P	P	P	P	P	P	P	P	P	P	P	P	P
22.	JADHAV DIGVIJAY ABASAHEB		P	P	P	P	P	P	P	P	P	P	P	P	P
23.	JAGTAP RUTUJA GANESH		P	P	P	A	P	P	P	P	P	P	P	P	P
24.	JAISWAL RAHUL SANJAY		P	P	P	P	P	P	P	P	P	P	P	A	P
25.	JAVALE AJAY TANAJI		A	A	P	P	P	P	P	P	P	P	P	P	P
26.	KADAM PRADIP DILIP		P	P	P	P	P	P	P	P	P	P	A	P	P
27.	KADAM PRADIP RAJENDRA		P	P	P	P	P	P	P	P	P	P	P	A	P
28.	KADAM SHASHIKANT SUKHADEV		P	P	P	P	P	P	P	P	P	P	P	P	P
29.	KALASAIT TRUPTI YVRAJ		P	P	P	P	P	P	P	P	P	P	P	P	P
30.	KAMBLE SMITA BHARAT		P	P	P	P	P	P	P	P	P	P	P	P	P
31.	KAMTHE KIRAN VITTHAL		P	P	P	P	P	P	P	P	P	P	P	P	A
32.	KATKAR SACHIN VITTHAL		P	P	P	P	P	P	P	P	P	P	P	P	P
33.	KAVITAKE AKSHAY CHANDRAKANT		P	A	P	P	P	P	P	P	P	P	P	P	P
34.	KHADE RAMCHANDRA GAHININATH		P	P	A	P	P	P	P	P	P	P	P	P	P
35.	KOLEKAR SURESH ABHIMAN		P	P	P	P	P	P	P	P	P	P	P	P	P
36.	KUCHEKAR KAJAL SANJAY		P	P	P	P	P	P	A	A	P	P	P	P	P
37.	KUMBHAR VAIBHAV DATTATRAY		P	P	P	P	P	P	P	P	P	P	P	P	P
38.	LAMKANE SAKSHI ASHOK		P	P	P	A	A	P	P	P	P	P	A	P	A
39.	LONDHE SUMEDH GAUTAM		P	P	P	P	P	P	P	P	P	P	P	P	P
40.	MADALE VAIBHAV MALASIDHA		P	P	P	P	P	A	P	P	P	P	P	P	P
41.	MADANE SWAPNIL PURUSHOTTAM		P	P	P	A	P	P	P	P	P	P	P	P	P
42.	MAHADIK MADHAV ANIRUDDHA		P	P	P	P	P	P	P	P	P	P	P	P	P
43.	MAHURKAR KOMAL DATTATRAY		P	P	P	P	P	P	P	P	P	A	P	P	P
44.	MALUSARE MRUNALI YUVRAJ		P	P	P	P	P	P	P	A	P	P	P	P	P
45.	MANDAWALE RAJU BALU		P	P	P	P	P	P	P	A	P	P	P	P	P
46.	METKARI AJAY MAHADEO		P	P	A	P	P	P	P	P	P	P	P	P	P
47.	NALE SAGAR ARUN		A	P	P	P	P	P	P	P	P	P	P	P	P





SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE**  
DEPARTMENT OF ELECTRICAL ENGINEERING

Sr. No.	Name of Student	Day →	1	2	3	4	5	6	7	8	9	10	11	12	13
48.	NALKAR ROHIT RAJENDRA		P	P	P	P	P	P	P	P	P	P	P	A	P
49.	NIKAM AISHWARYA ASHOK		A	P	P	P	P	P	P	P	P	P	P	P	P
50.	NIMBALKAR CHANDRKANT SANJAY		P	P	P	P	P	A	P	P	P	P	P	P	P
51.	PATIL VIKRAM ASHOK		P	P	P	P	P	P	P	P	P	P	P	A	P
52.	POL AKSHAY DATTATRAY		P	P	P	P	A	P	P	P	P	P	P	P	P
53.	RANANAVARE PRIYA CHANGADEO		P	P	P	P	P	P	P	P	P	P	A	P	P
54.	RAUT DHANANJAY DATTATRAY		A	P	P	P	P	P	P	P	P	P	P	P	P
55.	RAUT SUHAS HARI		P	P	P	A	P	P	P	P	P	P	A	P	P
56.	ROHIT SUNIL DHENDE		P	P	P	P	P	P	A	P	P	P	P	P	P
57.	SALGAR SANDEEP SURESH		P	P	P	P	P	P	P	P	A	P	P	P	P
58.	SALUNKE ABHIJEET ASHOK		P	A	P	P	P	P	P	P	P	P	P	P	P
59.	SANGALE NIRANJAN DATTU		P	P	P	P	P	P	P	P	P	P	P	P	A
60.	SAUDAGAR PAVAN YUVRAJ		P	P	P	P	P	P	P	P	P	P	P	A	P
61.	SAYYAD AZARUDDIN MUBARAK		P	P	P	P	P	A	P	P	P	P	P	P	P
62.	SHEETE ONKAR UTTAM		P	A	P	P	P	P	P	P	P	P	P	P	P
63.	SHINDE RAJSHRI UTTAM		P	P	P	P	P	P	P	P	P	P	A	P	P
64.	SHINGADE MAHADEV DATTATRAY		A	P	P	P	P	P	P	P	P	P	P	P	P
65.	SHIRGIRE JALINDAR MAHADEV		P	P	P	P	P	P	P	P	P	P	P	A	P
66.	SHIRSAT SAURABH SANDIPAN		P	A	P	P	P	P	P	P	P	P	P	P	P
67.	SOLANKAR ADITYA BIRAPPA		P	P	P	P	P	P	P	P	P	P	A	P	P
68.	SUDHIR BHIMRAO BHOSALE		P	P	P	P	P	P	P	P	P	P	P	P	P
69.	SUL SURAJ KANTILAL		P	P	P	P	P	P	P	P	P	P	P	P	P
70.	VALEKAR AKSHAY ATMARAM		P	P	P	P	P	P	P	P	P	A	P	P	P
71.	VYAVAHARE RANJIT NARAYAN		P	P	P	P	P	P	P	P	P	P	P	P	P
72.	WAGH ABHIJIT PRATAP		P	P	P	P	P	P	P	P	P	P	A	P	P
73.	WAGHMARE NITIN SUBHASH		P	P	P	P	P	P	P	P	P	P	P	P	A
74.	WAGHMARE ROHINI ANGAD		A	P	P	P	P	P	P	P	P	P	P	P	P
75.	WAGHMODE VARSHARANI DATTU		P	P	P	P	P	A	P	P	P	P	P	P	P
			P	P	P	P	P	P	P	P	P	P	P	P	P



**Program Coordinator**

Prof. T.V. Deokar

**H.O.D**

Prof. S.R. Karpe

**HEAD**

Department of Electrical Engineering  
S. B. Patil College of Engineering, Indapur.

**Principal**

S. B. Patil College of Engineering  
Vangali, Tal. Indapur, Dist. Pune





SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**  
DEPARTMENT OF ELECTRICAL ENGINEERING

ACA - R-38

Rev : 00

Date: 0.07.2014

Ref: SPVP/SBPCOE/ELECT/2016-17

VAP Report - SE

Academic Year: 2016-17

Semester: I/II

Date: 05/04/17

To,  
The Principal,  
SBPCOE, Indapur.

Subject: - Activity Report of Value Added Program on "Electrical Wiring Systems" conducted for the academic year 2016-17

Respected sir,

With reference to above mentioned subject Value Added Program conducted on "Electrical Wiring Systems" for the academic year 2016-17 for the SE students.

**Objectives:**

- The Students will be able to Read & interprets Electrical Installation drawings.
- The Students will be able to Understand & apply IE rules.
- The Students will be able to make use of data tables & specification of wire, cables, LT lines & Distribution Transformer, MCCB, ELCB.
- The Students will be able to understand principles & procedures of earthing.
- The Students will be able to know basic terms to prepare design & estimate of installation.

Prof. T. V. Deokar explained the Electrical Wiring Systems concepts with respect to residential, commercial and industrial wiring system basics along with its rules for designing and costing

To make this event successful 60+ students were present. As a coordinator of this event I would like to thank our Management, Principal and our student volunteers for their support and continuous encouragement to organize this value added program.

**Outcomes:**

- Students are able to understand standard IE rules
- Students are able to distinguish Types of service connections and their features
- Students can Prepare comparison chart of various wiring accessories
- Students are able to make use of data tables & specification of wire, cables, LT lines & Distribution Transformer, MCCB, ELCB.
- Students are able to understand principles & procedures of earthing





SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE**  
**DEPARTMENT OF ELECTRICAL ENGINEERING**



ACM -  
Rev :  
Date :  
Re :

Thanking you.

11/04/09

**Program Coordinator**  
Prof. T.V. Deokar

**H.O.D**  
Prof. S.R. Karpe

**HEAD**

**Department of Electrical Engineering**  
**S.B. Patil College of Engineering, Indapur**





9

**SHAHAJIRAO PATIL VIKAS PRATISHTHAN**  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**  
**DEPARTMENT OF ELECTRICAL ENGINEERING**

ACM - R-

Rev : 00

Date: 01.07.2014

Ref: SPVP/SBPCOE/ELECT./2016-17

VAP - TE

Academic Year: 2016-17

Semester: I & II

Date: 15/06/16

Name of the Value Added Program: "Introduction to MatLab"

Session: 2016-17

Duration: 30 Hrs.

Class: TE

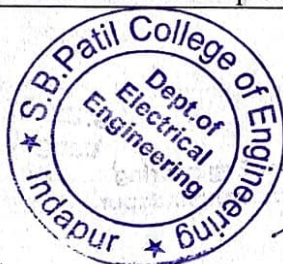
Program Coordinator: Prof. D. D. Changan

**SYLLABUS / COURSE CONTENT**

Sr. No.	Course Content	No. of Hours
1.	<b>Introduction to MATLAB</b> <ul style="list-style-type: none"><li>The MATLAB Environment</li><li>MATLAB Basics – Variables, Numbers, Operators, Expressions, Input and output.</li><li>Vectors, Arrays – Matrices</li></ul>	7 hrs.
2.	<b>MATLAB Functions</b> <ul style="list-style-type: none"><li>Built-in Functions</li><li>User defined Functions</li></ul>	5 hrs.
3.	<b>Graphics with MATLAB</b> <ul style="list-style-type: none"><li>Files and File Management – Import/Export</li><li>Basic 2D, 3D plots.</li><li>Graphic handling</li></ul>	5 hrs.
4.	<b>Programming with MATLAB</b> <ul style="list-style-type: none"><li>Conditional Statements, Loops</li><li>MATLAB Programs – Programming and Debugging</li><li>Applications of MATLAB Programming</li></ul>	9 hrs.
5.	<b>Mathematical Computing with MATLAB</b> <ul style="list-style-type: none"><li>Algebraic equations</li><li>Basic Symbolic Calculus and Differential equations</li><li>Numerical Techniques and Transforms</li></ul>	6 hrs.

  
Program Coordinator

Prof. D.D.Changan



  
H.O.D

Prof. S.R. Karpe

**HEAD**

Department of Electrical Engineering  
S. B. Patil College of Engineering, Indapur.

  
Principal

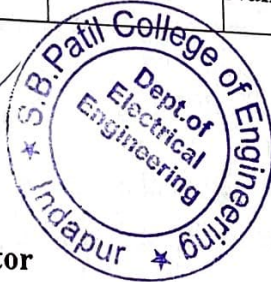
Dr. P.D. Nemade  
S.B. Patil College of Engineering  
Vangali, Tal. Indapur, Dist. Pune



2016-17

**VAP SCHEDULE - TE**

Date	Day	Time	Course Content
02/07/16	1	2hrs.	1. Introduction to MATLAB The MATLAB Environment
16/07/16	2	2hrs.	MATLAB Basics – Variables, Numbers, Operators, Expressions, Input and output.
06/08/16	3	3hrs.	Vectors, Arrays – Matrices
20/08/16	4	2hrs.	2. Introduction to MATLAB Functions Built-in Functions
03/09/16	5	3hrs.	User defined Functions
17/09/16	6	2hrs.	3. Graphics with MATLAB Files and File Management – Import/Export
01/10/16	7	2hrs.	Basic 2D, 3D plots.
15/10/16	8	1hrs.	Graphic handling
07/11/17	9	1hrs.	4. Introduction to Programming with MATLAB
21/11/17	10	2hrs.	Conditional Statements
04/12/17	11	1 hrs.	Loops
18/12/17	12	3 hrs.	4. MATLAB Programs – Programming and Debugging
04/03/17	13	3hrs.	Applications of MATLAB Programming
18/03/17	14	2 hrs.	5. Mathematical Computing with MATLAB Algebraic equations
01/04/17	15	2 hrs.	Basic Symbolic Calculus and Differential equations
15/04/17	16	2 hrs.	Numerical Techniques and Transforms



Program Coordinator

Prof. D.D. Changan

H.O.D

Prof. S.R. Karpe

HEAD

Department of Electrical Engineering  
S.B. Patil College of Engineering, Indapur.

Principal

Principal

S.B. Patil College of Engineering  
Vangali, Tal. Indapur, Dist. Pune





Sr. No.	Day →	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	Name of Student	1/7	2/7	3/7	4/7	5/7	6/7	7/7	8/7	9/7	10/7	11/7	12/7	13/7	14/7	15/7	16/7
1.	ALANE AKASH DATTRAO	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
2.	BADE SURAJ ASHOK	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P
3.	BAGAL AVINASH AJINATH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
4.	BHARANE GIRISH RAJARAM	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
5.	BHARANE SHITAL AABASO	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
6.	CHAVAN PREETI SANJAY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7.	CHAVHAN AKSHAY VITTHAL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8.	DANGE PRASHANT HARISHCHANDRA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
9.	DEOKAR SAMADHAN DATTATRAY	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P
10.	DHAPTE RUCHA RAMDAS	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
11.	DHUMAL SHITAL DNYANDEO	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12.	DIVASE MANGESH NAGESH	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P
13.	GADADE JYOTIBA BABAN	A	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
14.	GHADAGE AJIT VASANT	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
15.	GUND KALYAN TANAJI	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
16.	KALE AKSHAY POPAT	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
17.	KAMBLE AKSHAY SATISH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18.	ALANE AKASH DATTRAO	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
19.	BADE SURAJ ASHOK	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
20.	BAGAL AVINASH AJINATH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
21.	KOLHATKAR NAVNATH JAGANNATH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
22.	KOLI VIVEK TUKARAM	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23.	KOLSE BHAVANA MANOHAR	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
24.	KULKARNI MANGESH DHANANJAY	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
25.	KUMBHAR ADITYA VILAS	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P
26.	LATKE SUMIT MANOHAR	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27.	LONDHE ATUL BALKRUSHNA	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
28.	MAGAR RANJIT BALASAHEB	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
29.	MARKAD VILAS HARISHCHANDRA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
30.	MOHITE OMKAR SHIVAJI	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31.	NANAVARE AKSHAY ASHOK	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
32.	PATIL AISHWARYA DNYANDEO	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
33.	PATIL VAIBHAV DHANRAJ	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P
34.	PAWAR NAMDEV TUKARAM	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
35.	RANDIVE BHAGYASHREE DHARMARAJ	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
36.	RAUT POOJA DILIP	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
37.	RUPANWAR TUSHAR PRANMOHAN	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
38.	SALUNKE RAVIKANT DILIP	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39.	SATHE SAGAR BHIKAJI	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
40.	SHELAKA VAIBHAV DATTATRAY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
41.	SHINDE ABHIJEET RAJESH	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
42.	SHINDE SHRIPAD ADHIKRAO	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
43.	SUL NARESH GAJANAN	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P
44.	TANGADE TUKARAM VASANT	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
45.	TINGARE SUDHIR RAMDAS	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
46.	VALTE YOGESH DNYANDEO	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
47.	TALE ARCHANA ARUN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P




Sr. No.	Name of Student	Day →	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
48.	BHUI BAJARANG SHIVAJI		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
49.	BHANOSE MAHESH		A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
50.	MAKHARE DARYARAJ SADHU		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
51.	NIMBALKAR SAGAR PANDHURANG		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
52.	LONDHE SHUBHAM ANIL		P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
53.	KHADE SHUBHANGI BALASAHEB		P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
54.	THOMBARE AJAY VASUDEV		P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
55.	BHOSALE SHIVAJI		P	P	P	P	P	P	P	P	P	A	P	P	P	P	P



  
**Program Coordinator**  
 Prof. D.D. Changan

  
**H.O.D**  
 Prof. S.R. Karpe

**HEAD**  
 Department of Electrical Engineering  
 S.B. Patil College of Engineering, Indapur.

  
**Principal**  
 Dr. P.D. Nemade  
**S.B. Patil College of Engineering**  
 Vangali, Tal. Indapur, Dist. Pune



SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**  
**DEPARTMENT OF ELECTRICAL ENGINEERING**

ACA - R-49

Rev : 00

Date: 01.07.2014

**VAP Report - TE**

Academic Year: 2016-17

Semester: I/II

Date: 20/04/17

Ref: SPVP/SBPCOE/ELECT/2016-17

To,  
The Principal,  
SBPCOE, Indapur.

**Subject: - Activity Report of Value Added Program on "Introduction to MatLab" conducted from for the academic year 2016-17**

Respected sir,

With reference to above mentioned subject Value Added Program conducted on "**Introduction to MatLab**" for the academic year 2016-17 for the TE students.

**Objectives:**

- To provide students an understanding of the expectations of industry.
- To improve employability skills of students.
- To bridge the skill gaps and make students industry ready.

Madam explained the Basics of MatLab concepts new ways that- MatLab tools handling for electrical environment

To make this event successful 50+ students were present. As a coordinator of this event I would like to thank our Management, Principal and our student volunteers for their support and continuous encouragement to organize this value added program.

**Outcomes:**

- Students knew to have the creative mindset and skills needed for problem-solving that the field of engineering
- Students knew different tools used in MatLab with respect to electrical engineering





SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**

**DEPARTMENT OF ELECTRICAL ENGINEERING**

Thanking you.

*D. D. Changan*  
**Program Coordinator**  
Prof. D. D. Changan

*S. R. Karpe*  
**H.O.D**  
Prof. S. R. Karpe

**HEAD**  
Department of Electrical Engineering  
S. B. Patil College of Engineering, Indapur.

