



## BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR

Accredited by NAAC With 'A' Grade  
Approved by AICTE, New Delhi & Affiliated to Shivaji University, Kolhapur  
Near Chitranagari, Kolhapur - 416013 (MS)  
DTE INSTITUTE CODE : EN-6288  
Tel.No.: (0231) 2638893, 2638894, Fax : 2636050  
Web : <http://coekolhapur.bharatividyaapeeth.edu> E- mail : [coekolhapur@bharatividyaapeeth.edu](mailto:coekolhapur@bharatividyaapeeth.edu)

PRINCIPAL  
**Dr. Vijay Ghorpade**  
M.E., Ph. D. (Computer)

FOUNDER CHANCELLOR  
**Dr. Patangrao Kadam**  
M.A., LL. B., Ph. D.

## NAAC SSR CYCLE- 2



Criterion 1	Curricular Aspects
Key Indicator 1.2	Academic Flexibility
1.2.1 Number of Add on /Certificate/Value added programs offered and online MOOC programs like SWAYAM, NPTEL etc. where the students of the institution have benefitted during the last five years	



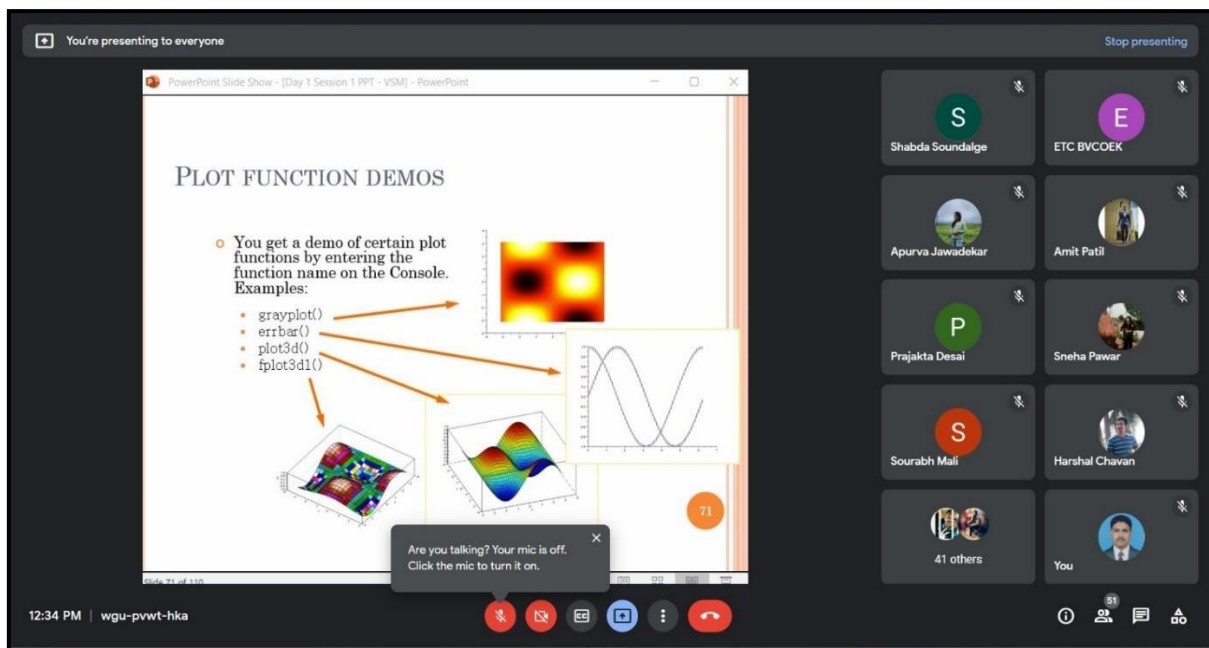
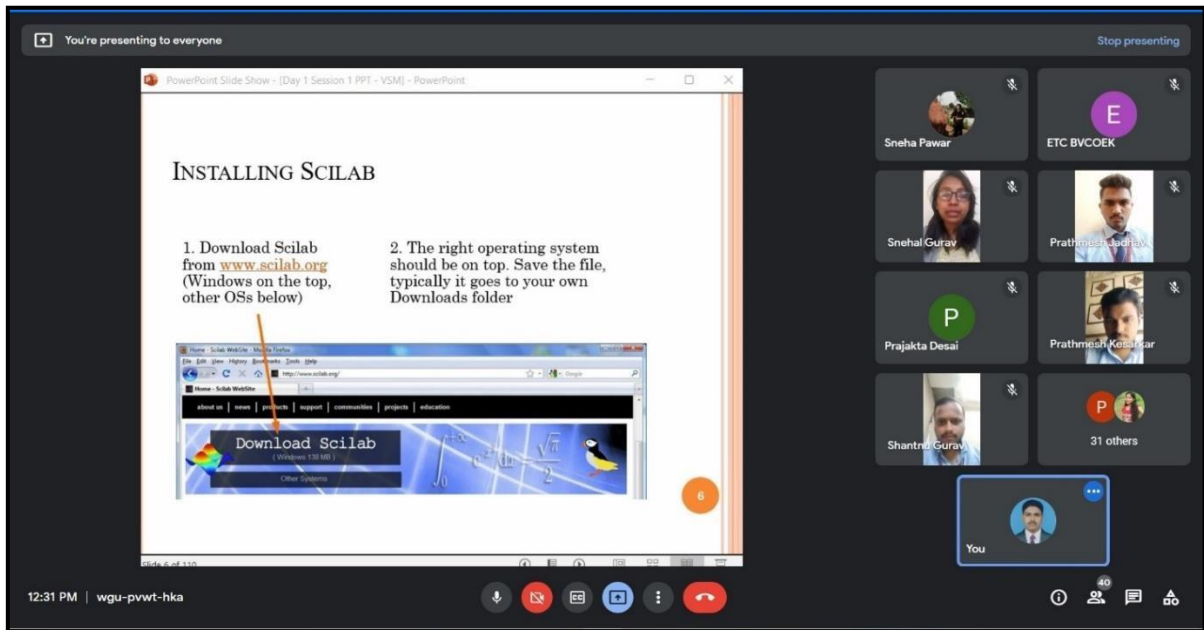
## BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR

- **Organizing Department:** Electronics & Telecommunication Engg.
- **Name of Activity:** Add-on Course “SCILAB for Beginner”
- **Course Code:** ETC202101
- **Name of Coordinator:** Dr. J. K. Patil and Mr. V. S. Mandlik
- **Name of Resource Person:** Dr. J. K. Patil and Mr. V. S. Mandlik
- **Date of Activity:** 09/08/2020 to 18/10/2020.
- **Participant:** Third Year E&TC Students (100)
- **Details of Activity:**

Open Source Scilab is a **free and open-source software for engineers & scientists**. Scilab implements a user-friendly language, similar to the one used in the popular software Matlab. But unlike Matlab, Scilab can be freely downloaded, freely copied, freely modified, and also freely distributed. Naturally, Scilab can be used absolutely free of cost, unlike Matlab, which can be extremely expensive, especially for the industry. Scilab comes with a graphical programming interface Xcos, which is similar to Simulink. A good knowledge of Scilab will help improve the employment potential of your students.

- **Outcome of Activity:** To create awareness of Open-source software (OSS) among the students.
- **How it Bridges gap between Industry and Academia:** Scilab provides a world class powerful environment for engineering computation and scientific applications to create industry ready student using open-source software.

• Photo:



Mr. V. S. Mandlik/ Dr. J. K. Patil  
Course In-charge

Dr. K. R. Desai  
HOD

Dr. V. R. Ghorpade  
Principal



Social Transformation Through Dynamic Education

**BHARATI VIDYAPEETH'S**  
**COLLEGE OF ENGINEERING KOLHAPUR**  
DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING  
**Add-on Course**  
**“SCILAB for Beginner”**  
**Course Code: ETC202101**

**Course Objectives:**

Familiarization of the open-source computer software SCILAB and application of such software for implementation/simulation of basic mathematical functions relevant to electronics engineering student.

**Course Outcomes:**

On successful completion of the course, the students should be able to

1. Understand the main features of the SCILAB program development environment to enable their usage in the Electronics Engineering Field.
2. Implement simple mathematical functions/equations in numerical computing environment.

**COURSE CONTENTS**

<b>Session</b>	<b>Contents</b>	<b>Hours</b>
1	Introduction of Scilab And Its Installing of Scilab(Demo)	02
2	Hands on of Installation of SCILAB on PC/Laptop	03
3	Discussion environment of SCILAB software	02
4	Hands on environment of SCILAB software	03
5	Installation of different toolbox in Scilab	03
6	Different operation related to Arrays	03
7	Scilab Programming structures	03
8	Development 2D plots 3D plots	03
9	Hands on: Basic function of Signal Processing	03
10	Hands on: Basic function of Digital signal Processing	03
11	Hands on: Basic function of Image Processing	03

### **Hardware Requirement:**

- **Desktop PC/Laptop with SCILAB Software.**
- **Internet Connection to installation of toolbox**
- **LCD Projector with screen**

### **Resource Person:**

1. **Dr. Jayamala K. Patil**
2. **Mr. Vinay S. Mandlik**



**Mr. V. S. Mandlik/ Dr. J. K. Patil**  
**Course In-charge**



**Dr. K. R. Desai**  
**HOD**



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**Add-on Course**  
**“SCILAB for Beginner”**

Academic Year 2020-21

**Schedule**

Session	Date	Time
1	09/08/2020	09.00 am to 12.00 noon
2	16/08/2020	09.00 am to 12.00 noon
3	23/08/2020	09.00 am to 12.00 noon
4	30/08/2020	09.00 am to 12.00 noon
5	06/09/2020	09.00 am to 12.00 noon
6	13/09/2020	09.00 am to 12.00 noon
7	20/09/2020	09.00 am to 12.00 noon
8	27/09/2020	09.00 am to 12.00 noon
9	04/10/2020	09.00 am to 12.00 noon
10	11/10/2020	09.00 am to 12.00 noon
11	18/10/2020	09.00 am to 12.00 noon

Mr. V. S. Mandlik/ Dr. J. K. Patil  
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**Add-on Course**  
**“SCILAB for Beginner”**

**Student List**

Sr. No.	Name of Student	Course Registration ID Number	Sr. No.	Name of Student	Course Registration ID Number
1	Advait Milind Deshpande	ETC202101001	32	Prathamesh V.chougale	ETC202101032
2	Aishwarya J. Pimpalgaonkar	ETC202101002	33	Prathmesh Anil Kesarkar	ETC202101033
3	Aishwarya Narayan Powar	ETC202101003	34	Prathmesh Rajendra Jadhav	ETC202101034
4	Ajay P. Lungare	ETC202101004	35	Pratik prakash jamdade	ETC202101035
5	Akash Arun Shelake	ETC202101005	36	Pratima Sanjay Vhatkar	ETC202101036
6	Amit Arun Patil	ETC202101006	37	Sangram Suresh Akolkar	ETC202101037
7	Amit Maruti Patil	ETC202101007	38	Shabda Sanjay Soundalge	ETC202101038
8	Anuradha Shivaraj Patil	ETC202101008	39	Shantnu Jawahar Gurav	ETC202101039
9	Apurva Anirudha Jawadekar	ETC202101009	40	Shivam Dilip Jadhav	ETC202101040
10	Apurva Raghunath Patil	ETC202101010	41	Shivani Prakash Naik	ETC202101041
11	Arpita Rangrao Patil	ETC202101011	42	Shubham Vitthal gawade	ETC202101042
12	Atharva Atish Kelkar	ETC202101012	43	Snehal Ananda Gurav	ETC202101043
13	Befatima ilai Kurane	ETC202101013	44	Snehal Sarjerao Powar	ETC202101044
14	Dipali Vijay Bharmal	ETC202101014	45	Sourabh Vinayak Joshi	ETC202101045
15	Gaikwad Kunal Rajendra	ETC202101015	46	Sourabh Sanjay Mali	ETC202101046
16	Harshal S. Chavan	ETC202101016	47	Swapnali Sunil Kulkarni	ETC202101047
17	Kasturi G.Fadate	ETC202101017	48	Swapnil V. Kadam	ETC202101048
18	Kishori Arvind Patil	ETC202101018	49	Tejaswini Arjun Patil	ETC202101049
19	Manali Hanmant Patil	ETC202101019	50	Vaibhavi Prakash Mali	ETC202101050
20	Mandar Dinesh Patil	ETC202101020	51	Vaishnavi Sambhaji Kupate	ETC202101051
21	Mansi Deepak Kondekar	ETC202101021	52	Vishal Dilip Patil	ETC202101052
22	Milind T. Sambarekar	ETC202101022	53	Yogita Dattatray Kale	ETC202101053
23	Nikita Upendra Shanbhag	ETC202101023	54	Aolkar Sangram Suresh	ETC202101054
24	Niranjan Rajiv Sawant.	ETC202101024	55	Chinchanikar Akshay M.	ETC202101055
25	Omkar Bandekar	ETC202101025	56	Gaikwad Kunal Rajendra	ETC202101056
26	Pooja Rajaram Oulkar	ETC202101026	57	Khot Tejashri Sadashiv	ETC202101057
27	Prajakta R. Desai	ETC202101027	58	Sayyad Sakib Asalam	ETC202101058
28	Prajakta Dajiba Patil	ETC202101028	59	Revankar Akshata Sanjay	ETC202101059
29	Pranali Vijay Kokate	ETC202101029	60	Sutar Aishwarya Bajirao	ETC202101060
30	Prasad P. Injale	ETC202101030	61	Buwachari Aishwarya Sambhaji	ETC202101061
31	Prashant Nagayya Hiremath	ETC202101031	62	Nadaf Mohammadkhalid U.	ETC202101062

  
**Mr. V. S. Mandlik/ Dr. J. K. Patil**  
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**Add-on Course**  
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Sr. No.	Name of Student	Course Registration ID Number	Sr. No.	Name of Student	Course Registration ID Number
64	Adhik Siddhesh Ganesh	ETC202101064	83	Gawalkar Pooja Shivaji	ETC202101083
65	Ashtekar Shruti Dhananjay	ETC202101065	84	Ilake Premanand Vijaykumar	ETC202101084
66	Avate Trushanat Shital	ETC202101066	85	Jadhav Samarth Samadhan	ETC202101085
67	Bagwan Suhel Jameer	ETC202101067	86	Katkar Sumit Mahadev	ETC202101086
68	Bhalkar Himangi Rajendra	ETC202101068	87	Katkar Yash Indraraj	ETC202101087
69	Bhendavade Shital Kumar	ETC202101069	88	Kuditrekhar Pratiksha Sambhaji	ETC202101088
70	Bhosale Manasi Jitendra	ETC202101070	89	Lamtore Mahamadsad Kasim	ETC202101089
71	Bhosale Sanmesh Balasaheb	ETC202101071	90	Magdum Abhijeet Anil	ETC202101090
72	Borgave Pritee Balasaheb	ETC202101072	91	Mahajan Supriya Shankar	ETC202101091
73	Chapale Rutuja Bhagwan	ETC202101073	92	Mestry Shubham Vijay	ETC202101092
74	Chougale Jayraj Bhimrao	ETC202101074	93	Mole Suraj Prakash	ETC202101093
75	Dalavi Pratiksha Abhijit	ETC202101075	94	Patil Abhishek Eaknath	ETC202101094
76	Dalavi Snehal Dattatray	ETC202101076	95	Patil Apurva Baban	ETC202101095
77	Darwajkar Faizan Hassan	ETC202101077	96	Patil Arthy Sunil	ETC202101096
78	Desai Omkar Vilas	ETC202101078	97	Patil Dhanaji Tanaji	ETC202101097
79	Desai Pratiksha Ramesh	ETC202101079	98	Patil Rohit Madhukar	ETC202101098
80	Dukane Sarthak Sunil	ETC202101080	99	Patil Vaibhav Anandrao	ETC202101099
81	Ekal Dhairyashil Dhanaji	ETC202101081	100	Patil Apurva Baban	ETC202101100
82	Gawade Milan Manhor	ETC202101082			

  
  
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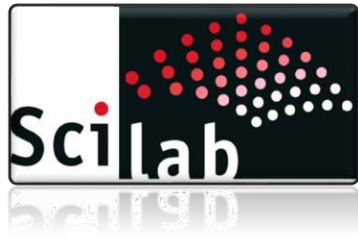
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**Attendance Sample**

* Meet - wgu-pvwt-hka		
* Meeting code: wgu-pvwt-hka		
* Created on 2020-08-09 12:28:40		
* by <a href="https://chrome.google.com/webstore/detail/google-meet-attendance-li/appcnhiefcidclcdjeahgklghihfok">https://chrome.google.com/webstore/detail/google-meet-attendance-li/appcnhiefcidclcdjeahgklghihfok</a>		
Full Name	First Seen	Time in Call
ANURADHA PATIL	09-08-2020 09:30	2:06:13
Aishwarya Powar	09-08-2020 09:28	2:07:54
Ajay Lungare	09-08-2020 09:29	2:07:16
Akash Shelake	09-08-2020 09:32	2:04:41
Amit M. patil	09-08-2020 09:36	2:00:16
Amit Patil	09-08-2020 09:28	2:07:48
Apurva Jawadekar	09-08-2020 09:28	2:07:57
Apurva Patil	09-08-2020 09:31	2:05:01
Arpita Patil	09-08-2020 09:29	2:07:35
Athrva Kelkar	09-08-2020 09:30	2:06:18
Befatima Kurane	09-08-2020 09:29	2:06:47
Dipali Bharmal	09-08-2020 09:28	2:05:56
ETC BVCOEK	09-08-2020 09:28	2:07:57
Harshal Chavan	09-08-2020 09:31	2:05:30
Kasturi Fadate	09-08-2020 09:33	2:03:26
Kishori Patil	09-08-2020 09:32	2:04:45
Kunal Gaikwad	09-08-2020 09:30	2:06:11
Manali Patil	09-08-2020 09:32	2:04:45
Mandar Patil	09-08-2020 09:29	2:07:22
Mansi Kondekar	09-08-2020 09:29	2:05:20
NIRANJAN SAWANT	09-08-2020 09:34	2:02:15
Nikita Shanbhag	09-08-2020 09:31	2:04:52
Omkar Bandekar	09-08-2020 09:31	2:05:43
Prajakta Desai	09-08-2020 09:28	2:07:57
Prajakta Patil	09-08-2020 09:31	2:05:18
Pranali Kokate	09-08-2020 09:29	2:04:05
Prasad Injale	09-08-2020 09:28	2:07:57
Prashant Hiremath	09-08-2020 09:29	2:07:19

Prathamesh Chougale	09-08-2020 09:30	2:05:50
Prathmesh Jadhav	09-08-2020 09:29	2:07:22
Prathmesh Kesarkar	09-08-2020 09:29	2:07:14
Pratima Vhatkar	09-08-2020 09:29	2:07:18
Sangram Akolkar	09-08-2020 09:29	2:06:35
Shabda Soundalge	09-08-2020 09:31	2:05:43
Shantnu Gurav	09-08-2020 09:29	2:07:22
Shivam Jadhav	09-08-2020 09:29	2:07:22
Shivani Naik	09-08-2020 09:31	2:05:37
Sneha Pawar	09-08-2020 09:29	2:06:00
Snehal Gurav	09-08-2020 09:28	2:07:57
Sourabh Joshi	09-08-2020 09:28	2:07:59
Sourabh Mali	09-08-2020 09:28	2:07:57
Swapnali Kulkarni	09-08-2020 09:32	2:04:09
Tejaswini Patil	09-08-2020 09:32	2:04:38
VAISHNAVI KUPATE	09-08-2020 09:30	2:06:16
Vaibhavi Mali	09-08-2020 09:29	2:06:58
Vishal Pat	09-08-2020 09:34	2:02:46
advait deshpane	09-08-2020 09:28	2:07:57
aishwarya pimpalgaonkar	09-08-2020 09:29	2:03:34
milind Sambrekar	09-08-2020 09:28	2:01:17
pooja oulkar	09-08-2020 09:30	2:02:15
pratik Jamdade	09-08-2020 09:30	2:05:54
shubham gawade	09-08-2020 09:32	2:04:07
swapnil kadam	09-08-2020 09:35	2:00:53
vinay mandlik	09-08-2020 09:28	2:08:06
yogita kale	09-08-2020 09:28	2:07:57

**Mr. V. S. Mandlik/ Dr. J. K. Patil**  
**Course In-charge**

**Dr. K. R. Desai**  
**HOD**



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**DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING**



**CERTIFICATE**

**“SCILAB for Beginner”**

This is to certify that Mr. / Ms. *Advait Milind Deshpande* has successfully completed the add-on course on "SCILAB for Beginner" in an online mode, organized from 09/08/2020 to 18/10/2020 by the Department of Electronics & Telecommunication Engineering of Bharati Vidyapeeth's College of Engineering, Kolhapur.

Mr. V. S. Mandlik/ Dr. J. K. Patil  
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Principal



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**CERTIFICATE**

**"SCILAB for Beginner"**

This is to certify that Mr. / Ms. *Sourabh Vinayak Joshi* has successfully completed the add-on course on "SCILAB for Beginner" in an online mode, organized from 09/08/2020 to 18/10/2020 by the Department of Electronics & Telecommunication Engineering of Bharati Vidyapeeth's College of Engineering, Kolhapur.

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**“SCILAB for Beginner”**

This is to certify that Mr. / Ms. *Anuradha Shivaraj Patil* has successfully completed the add-on course on "SCILAB for Beginner" in an online mode, organized from 09/08/2020 to 18/10/2020 by the Department of Electronics & Telecommunication Engineering of Bharati Vidyapeeth's College of Engineering, Kolhapur.

**Mr. V. S. Mandlik/ Dr. J. K. Patil**  
Course In-charge

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**"SCILAB for Beginner"**

This is to certify that Mr. / Ms. *Tejaswini Arjun Patil* has successfully completed the add-on course on "**SCILAB for Beginner**" in an online mode, organized from 09/08/2020 to 18/10/2020 by the Department of Electronics & Telecommunication Engineering of Bharati Vidyapeeth's College of Engineering, Kolhapur.

**Mr. V. S. Mandlik/ Dr. J. K. Patil**  
Course In-charge

**Dr. K. R. Desai**  
HOD

**Dr. V. R. Ghorpade**  
Principal