1.2.1 Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

Sr.No	Name of Students	Elect-I Choice	Elective-II Choice.
1	Aadmane Aadesh Vijay	Chemical Industry Mgt	Process Instrumentation & Control
2	Anap Akshay Murlidhar	Chemical Industry Mgt	Process Instrumentation & Control
3	Bakal Drushti Annasaheb	Chemical Industry Mgt	Process Instrumentation & Control
4	Bakal Srushti Annasaheb	Chemical Industry Mgt	Process Instrumentation & Control
5	Ban Rupali Dattatraya	Chemical Industry Mgt	Process Instrumentation & Control
6	Bang Tejas Rahul	Chemical Industry Mgt	Process Instrumentation & Control
7	Bhivsan Santosh Shashikant	Chemical Industry Mgt	Process Instrumentation & Control
8	Bidave Aniket Sharad	Chemical Industry Mgt	Process Instrumentation & Control
9	Borase Sanket Sunil	Chemical Industry Mgt	Process Instrumentation & Control
10	Chaudhari Chetan Madhukar	Chemical Industry Mgt	Process Instrumentation & Control
11	Dabhade Gayatri Sunil	Chemical Industry Mgt	Process Instrumentation & Control
22	Dambale Chetan Bharat	Chemical Industry Mgt	Process Instrumentation & Control
13	Deshmukh Prasad Shivaji	Chemical Industry Mgt	Process Instrumentation & Control
14	Dhage Aniket Kishan	Chemical Industry Mgt	Process Instrumentation & Control
15	Dhangar Ganesh Himmat	Chemical Industry Mgt	Process Instrumentation & Control
16	Dugaje Omkar Mahesh	Chemical Industry Mgt	Process Instrumentation & Control
17	Gadekar Aryan Ravindra	Chemical Industry Mgt	Process Instrumentation & Control
18	Gadekar Shubham Sharad	Chemical Industry Mgt	Process Instrumentation & Control
19	Gadhave Swaraj Satish	Chemical Industry Mgt	Process Instrumentation & Control
20	Gaikawad Shrutika Umesh	Chemical Industry Mgt	Process Instrumentation & Control
21	Garje Komal Bharat	Chemical Industry Mgt	Process Instrumentation & Control
22	Gawari Akshay Sunil	Chemical Industry Mgt	Process Instrumentation & Control
23	Gharate Devashri Hitesh	Chemical Industry Mgt	Process Instrumentation & Control
24	Ghorpade Ankita Ashok	Chemical Industry Mgt	Process Instrumentation & Control
25	Ghule Pratik Badashaha	Chemical Industry Mgt	Process Instrumentation & Control
26	Golhar Rahul Narayan	Chemical Industry Mgt	Process Instrumentation & Control
27	Gore Omkar Shivaji	Chemical Industry Mgt	Process Instrumentation & Control
28	Gupta Arvindkumar Jitlal	Chemical Industry Mgt	Process Instrumentation & Control
29	Handge Sakshi Navnath	Chemical Industry Mgt	Process Instrumentation & Control
30	Harde Ramesh Shantaram	Chemical Industry Mgt	Process Instrumentation & Control
31	Jadhav Rutesh Vinayak	Chemical Industry Mgt	Process Instrumentation & Control
32	Jagtap Mahesh Subhash	Chemical Industry Mgt	Process Instrumentation & Control
33	Jondhale Dhananjay	Chemical Industry Mgt	Process Instrumentation & Control
34	Jondhale Krishna Vitthal	Chemical Industry Mgt	Process Instrumentation & Control
35	Kakar Dayyan Iqbal	Chemical Industry Mgt	Process Instrumentation & Control
36	Kale Mahesh Ram	Chemical Industry Mgt	Process Instrumentation & Control
37	Kedari Uday Sunil	Chemical Industry Mgt	Process Instrumentation & Control
38	Khandagale Gaurav Rama	Chemical Industry Mgt	Process Instrumentation & Control
39	Kokate Akash Sanjay	Chemical Industry Mgt	Process Instrumentation & Control
40	Kote Rohit Eknath	Chemical Industry Mgt	Process Instrumentation & Control
41	Kothule Mayur Prakash	Chemical Industry Mgt	Process Instrumentation & Control
42	Lohade Darshan Subhash	Chemical Industry Mgt	Process Instrumentation & Control
43	Marale Siddhant Rajendra	Chemical Industry Mgt	Process Instrumentation & Control
44	More Sudharshan Ganpat	Chemical Industry Mgt	Process Instrumentation & Control
45	Murkute Pranita Nandkumar	Chemical Industry Mgt	Process Instrumentation & Control
46	Nile Prajwal Vijay	Chemical Industry Mgt	Process Instrumentation & Control
47	Nirmal Mahesh Popat	Chemical Industry Mgt	Process Instrumentation & Control
48	Panpatil Akash Gautam	Chemical Industry Mgt	Process Instrumentation & Control
49	Patil Bhavik Baburao	Chemical Industry Mgt	Process Instrumentation & Control
50	Patil Gaurav Chhotulal	Chemical Industry Mgt	Process Instrumentation & Control
51	Patil Jayesh Pramod	Chemical Industry Mgt	Process Instrumentation & Control
52	Patil Lalit Sambhaji	Chemical Industry Mgt	Process Instrumentation & Control
53	Pawar Mayur Suresh	Chemical Industry Mgt	Process Instrumentation & Control
54	Porje Akash Shivaji	Chemical Industry Mgt	Process Instrumentation & Control

55	Rokade Arti Arun	Chemical Industry Mgt	Process Instrumentation & Control
56	Sathe Atharva Shrikrishna	Chemical Industry Mgt	Process Instrumentation & Control
57	Shaikh Zuber Shaukat	Chemical Industry Mgt	Process Instrumentation & Control
58	Shejul Ritesh Ashwin	Chemical Industry Mgt	Process Instrumentation & Control
59	Shimpi Yash Dattatray	Chemical Industry Mgt	Process Instrumentation & Control
60	Shinde Nilam Pandharinath	Chemical Industry Mgt	Process Instrumentation & Control
61	Sonawane Akash Vilasrao	Chemical Industry Mgt	Process Instrumentation & Control
62	Tarte Prasad Ramesh	Chemical Industry Mgt	Process Instrumentation & Control
63	Thorat Ashutosh Prakash	Chemical Industry Mgt	Process Instrumentation & Control
64	Turkane Abhishek Santosh	Chemical Industry Mgt	Process Instrumentation & Control
65	Vaidya Rushikesh	Chemical Industry Mgt	Process Instrumentation & Control
66	Vairagar Krushna Sunil	Chemical Industry Mgt	Process Instrumentation & Control
67	Wadghule Abhijit Bharat	Chemical Industry Mgt	Process Instrumentation & Control

HOD
Dr Chandra D V
Head Of Department

1 2 1 Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

Sr.No	Name of Students	Elect-I	Elective-II Choice.
1	Aniket Rajendra Veljali	Environmental Engineering	Chemical Process Synthesis
2	Yogesh prakash sonar	Environmental Engineering	Chemical Process Synthesis
3	Vijay Girjabapu Patare	Environmental Engineering	Chemical Process Synthesis
4	Shubham Shivaji Shejwal	Environmental Engineering	Advance Separation Processes.
5	Jagtap hitesh ajay	Environmental Engineering	Advance Separation Processes.
6	Yugal Kailas Patil	Environmental Engineering	Chemical Process Synthesis
7	Gaurav kishor Patil	Environmental Engineering	Chemical Process Synthesis
8	Karpe Nimish Jagannath	Environmental Engineering	Advance Separation Processes.
9	Asif Mubarak Bagwan	Environmental Engineering	Chemical Process Synthesis
10	Khemchandra Sopan Mahajan	Environmental Engineering	Advance Separation Processes.
11	Harshad Kailas Pelmahale	Environmental Engineering	Advance Separation Processes.
12	Shital Rajendra Dond	Environmental Engineering	Advance Separation Processes.
13	Pravin yashwant ghorpade	Environmental Engineering	Advance Separation Processes.
14	Parikshit Milind Pande	Environmental Engineering	Chemical Process Synthesis
15	Kanchan Suresh Deshmukh	Environmental Engineering	Advance Separation Processes.
16	Yogesh vinod more	Environmental Engineering	Advance Separation Processes.
17	Nitin Dnyandev Dhakane	Environmental Engineering	Chemical Process Synthesis
18	Shirsath Prashant Subhash	Environmental Engineering	Advance Separation Processes.
19	Kamble Utkarsh Arun	Environmental Engineering	Advance Separation Processes.
20	Mahale Swapnil Dinkar	Environmental Engineering	Advance Separation Processes.
21	Chaitanya Kaduba Harde	Environmental Engineering	Advance Separation Processes.
22	Rohan Ramchandra waghmode	Environmental Engineering	Chemical Process Synthesis
23	Rushikesh Dattatray Chaure	Environmental Engineering	Advance Separation Processes.
24	Niket Nanasaheb Thete	Environmental Engineering	Advance Separation Processes.
25	Ganesh Bhagwat jorvekar	Environmental Engineering	Advance Separation Processes.
26	Prathamesh machhindra somavan	Environmental Engineering	Advance Separation Processes.
27	Rahul Kalyan Lakade	Environmental Engineering	Advance Separation Processes.
28	Mayur Vijay Torawane	Environmental Engineering	Advance Separation Processes.
29	Pokale rahul machhindra	Environmental Engineering	Chemical Process Synthesis
30	Pranav Shyam Dubey	Environmental Engineering	Advance Separation Processes.
31	Tejas Kishor Murtadak	Environmental Engineering	Advance Separation Processes.
32	Vishwasrao harshad shriram	Environmental Engineering	Advance Separation Processes.
33	Sanket Ramesh Netanrao	Environmental Engineering	Advance Separation Processes.
34	NIKAM ABHISHEK DNYANES	Environmental Engineering	Advance Separation Processes.
35	Rushikesh Somnath Shinde	Environmental Engineering	Advance Separation Processes.
36	Rushikesh Baburao wagh	Environmental Engineering	Advance Separation Processes.
37	Mayur Dnyaneshwar Gayake	Environmental Engineering	Advance Separation Processes.
38	Wagh Mahesh Thaksen	Environmental Engineering	Advance Separation Processes.
39	Shelar Parikshit Babaji	Environmental Engineering	Advance Separation Processes.
40	Shinde Swapnali sudam	Environmental Engineering	Advance Separation Processes.
41	Paithankar Mayur Ashok	Environmental Engineering	Advance Separation Processes.
42	Siddhesh Santosh Dalvi	Environmental Engineering	Advance Separation Processes.
43	Gire Adinath Raosaheb	Environmental Engineering	Advance Separation Processes.
44	Kaveri santosh katale	Environmental Engineering	Advance Separation Processes.

45	Harshali Ashok Jadhav	Environmental Engineering	Advance Separation Processes.
46	PATIL PREMCHAND DILIP	Environmental Engineering	Advance Separation Processes.
47	GADHARI VISHNUKUMAR D	Environmental Engineering	Advance Separation Processes.
48	Abhishek punja Mandlik	Environmental Engineering	Advance Separation Processes.
49	Khonde Dinesh Chandrakant	Environmental Engineering	Advance Separation Processes.
50	Jayesh Toke	Environmental Engineering	Advance Separation Processes.
51	PRAFUL DAYAL GAWANDE	Environmental Engineering	Advance Separation Processes.
52	Ritesh Pandurang Thakur	Environmental Engineering	Advance Separation Processes.
53	Patil Minal Sanjay	Environmental Engineering	Advance Separation Processes.
54	Kavita Dattaram Sangle	Environmental Engineering	Advance Separation Processes.
55	Ajinkya Digambar Bhoyar	Environmental Engineering	Advance Separation Processes.
56	Garje Sanjay Bharat	Environmental Engineering	Advance Separation Processes.
57	Chaudhari Paresh sunil	Environmental Engineering	Chemical Process Synthesis
58	RAJVEER RAJENDRA MHASK	Environmental Engineering	Chemical Process Synthesis
59	Jagrut Shriram Patil	Environmental Engineering	Chemical Process Synthesis
60	Chavhanke Dnyaneshwar Rajendi	Environmental Engineering	Chemical Process Synthesis
61	Dhanashri Vilas Gawali	Environmental Engineering	Advance Separation Processes.
62	Pratik Bhanudas Vaishnav	Environmental Engineering	Advance Separation Processes.
63	Rahul Baban Barke	Environmental Engineering	Advance Separation Processes.
64	Varsale Gayatri Arun	Environmental Engineering	Advance Separation Processes.
65	Aher Kamlesh Sunil	Environmental Engineering	Chemical Process Synthesis
66	Rathod gajanan Kishan	Environmental Engineering	Chemical Process Synthesis
67	Sagar Rajendra gaikwad	Environmental Engineering	Chemical Process Synthesis
68	Sanchit vijay choudhary	Environmental Engineering	Chemical Process Synthesis
69	Ajit More	Environmental Engineering	Advance Separation Processes.
70	PRATIK BAKALE	Environmental Engineering	Advance Separation Processes.
71	Siddhesh Pramod Gharate	Environmental Engineering	Advance Separation Processes.
72	Sudhir Rajendra Godse	Environmental Engineering	Chemical Process Synthesis
73	Dipali Anil Jagtap	Environmental Engineering	Advance Separation Processes.
74	Jadhav Janvi Satyaprasad.	Environmental Engineering	Advance Separation Processes.
75	Ajinkya Jibhau Pawar	Environmental Engineering	Advance Separation Processes.
76	Patel Neha Rameshchandra	Environmental Engineering	Advance Separation Processes.
77	Darshan Wagh	Environmental Engineering	Chemical Process Synthesis
78	Veljali Aniket Rajendra	Environmental Engineering	Advance Separation Processes.
79	Vishwasrao Harshad Shriram	Environmental Engineering	Advance Separation Processes.
80	Wagh Rushikesh Baburao	Environmental Engineering	Advance Separation Processes.
81	Waghmode Rohan Ramchandra	Environmental Engineering	Chemical Process Synthesis
82	UNHALE RAHUL DILIP	Environmental Engineering	Chemical Process Synthesis

Head Of Department
Depart... ...Engineering
... ...(M.S.)

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Savitribai Phule Pune University Structure for TE Chemical Engineering- 2019 Course

Subject Code	Subject	L	P	Tut	ISE	ESE	TW	PR	OR	Total	Credits TH-PR
				SEMESTER-I							
309341	Mass Transfer -I	3	4	-	30	70		50	-	150	3+2=5
309342	Chemical Technology -II	3	4	-	30	70	25		50	175	3+2=5
309343	Chemical Engineering Mathematics	3	-	-	-	30	70	-	-	-	100	3
309344	Chemical Engineering Thermodynamics	3	-	-	-	30	70	-	-	-	100	3
309345	Elective-I	3	-	-	-	30	70	-	-	-	100	3
309346	Computer Aided Chemical Engineering- I	-	2	-	-	-	-	25	-	-	25	1
309347	Seminar	-	-	-	1	-	-	50	-	-	50	1
	Total	15	10		1	150	350	100	50	50	700	21
				SEMESTER-II							
Subject Code	Subject	L	P	Tut	Internship	ISE	ESE	TW	PR	OR	Total	Credits TH-PR
309348	Chemical Reaction Engineering I	3	4	-	-	30	70	25	50	-	175	3+2=5
309349	Mass Transfer II	3	4	-	-	30	70	50	50	-	200	3+2=5
309350	Transport Phenomena	3	-	2*	-	30	70	25	-	-	125	3+1=4
309351	Elective-II	3	-	-	-	30	70	-	-	-	100	3
309352	Internship	-	-	-	4	-	-	100	-	-	100	4
	Total	12	08	2	4	120	280	200	100	—	700	21

*Subject Teacher should conduct Tutorial of 2 Hrs per Batch per week.
8 Minimum Assignments including Numerical relevant to the subject to be submitted by each students as a part of Term Work.
Examination Duration: In semester: 60 min. End semester: 150 min. L: Lecture, P: Practical, T: Tutorial, TW: Term work, PR: Practical, OR: Oral
ISE – In semester Examination, ESE - End semester Examination, Tut- Tutorial.

Elective-I	
A.	Chemical Industry Management
B.	Food Technology
C.	Polymer Engineering
D.	Downstream Processing
Elective-II	
A.	Energy Conservation in Chemical Process Industries
B.	Process Instrumentation and Control
C.	Corrosion Engineering
D.	Artificial intelligence and Data Science

TE (Chemical Engineering), 2019

Head Of Department
Department of Chemical Engineering
... (M.S.)

Savitribai Phule Pune University
Final Year of Chemical Engineering (2019 Course)
(With effect from Academic Year 2022-23)

Semester VII

Course Code	Course Name	Teaching Scheme (Hours/week)			Examination Scheme and Marks						Credit Scheme			
		Lecture	Practical	Tutorial	Mid-Sem	End-Sem	Term work	Practical	Oral/Pre	Total	Lecture	Practical	Tutorial	Total
409341	Process Dynamics and Control	03	02	-	30	70	-	50	-	150	3	1	-	4
409342	Chemical Reaction Engineering- II	03	-	-	30	70	-	-	-	100	3	-	-	3
409343	Chemical Engineering Design	03	02	-	30	70	-	-	50	150	3	1	-	4
409344	Elective-III	03	-	-	30	70	-	-	-	100	3	-	-	3
409345	Elective-IV	03	-	-	30	70	-	-	-	100	3	-	-	3
409346	Computer Aided Chemical Engineering- II	-	02	-	-	-	50	-	-	50	-	1	-	1
409347	Project Stage I	-	04	-	-	-	50	-	-	50	-	2	-	2
	Total Credit										15	05	-	20
	Total	15	10	-	150	350	100	50	50	700	15	05	-	20
409348	Audit Course 7											Grade		

Elective-III	**Elective IV**
(409344)	**(409345)**
409344(A) Environmental Engineering	409344 (A) Chemical Process Synthesis
409344(B) Membrane Technology	409344(B) Industrial Management & Entrepreneurship
409344(C) Industrial Piping	409344 (C) Green Technology
409344(D) Petroleum Refining	409344 (D) Advance Separation Processes

409348 Audit Course 7(AC7) Options:
AC7- I MOOC/NPTEL- Learn New Skills

Timestamp	STUDENT NAME [FIRST, MIDDLE, LAST NAME]	Please select the subject for Elective III from following options	Please select the subject for Elective IV from following options
	Academic year 2022-23	Elective subject choice for Elective III and IV	BE COMPUTER ENGINEERING
03/08/2022 01:18	KrishnaGopal Rajesh Sinha	410244(C): Cyber Security and Digital Forensics	
03/08/2022 01:20	Sanket Dattatray Kandekar	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
03/08/2022 02:30	Gaurav Ashok Chavan	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
03/08/2022 02:32	Vaishnavi deepak bhatjire	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
03/08/2022 02:54	Harshal Pravin Patil	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
03/08/2022 03:06	PROF. PRAVIN TAMBE	410244(D) Object Oriented Modeling and Design	41025(D) :Software Testing and Quality Assurance
03/08/2022 04:48	Gayatri Shivdas S	410244(C): Cyber Security and Digital Forensics	41025(A): Information Retrieval
03/08/2022 04:56	Rahul vitthal khemnar	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
03/08/2022 05:04	ABHISHEK SACHIN DESHMUKH	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
03/08/2022 05:25	Madhuri Pandurang Palve	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
03/08/2022 05:30	GAURAV PRAKASH KHAIRNAR	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
03/08/2022 06:13	Tejaswini Ramkrushna Gite	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
03/08/2022 07:52	MILIND GANESH DHADE	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
03/08/2022 08:36	Ankita Bharat Avhad	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
03/08/2022 10:12	Prathamesh Ramesh Nimbalkar	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
03/08/2022 10:25	Kaveri Jitendra More	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
03/08/2022 10:27	Utkarsh Prashant Deshpande	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
03/08/2022 10:53	Rupesh Shivaji Pawase	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
03/08/2022 11:14	Sanskruti Dipak Suryawanshi	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
03/08/2022 20:25	Ritik Shivram Zinjurde	410244(D) Object Oriented Modeling and Design	41025(D) :Software Testing and Quality Assurance
03/08/2022 20:52	Mayur Balu Katkade	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
03/08/2022 21:11	Archana Pandurang Avhad	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
03/08/2022 21:15	Nikita Sandip Godase	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
03/08/2022 21:25	Nilima Manohar Ghuge	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
03/08/2022 21:26	Vishal Vishnu Chavhan	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
03/08/2022 22:20	Vaishnavi Vaijnath Karpe	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
03/08/2022 23:02	Monika Jayprakash Vishwakarma	410244(D) Object Oriented Modeling and Design	41025(D) :Software Testing and Quality Assurance
03/08/2022 23:24	Shubhangi Sadashiv Kangane	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
03/08/2022 23:26	Nikita Rameshwar Gawali	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
03/08/2022 23:26	Manjusha Appasaheb Vighne	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
03/08/2022 23:27	Prajakta Ashok Jagtap	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
03/08/2022 23:28	Snehal Vijay ugale	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
03/08/2022 23:28	Harshal Baban Magar	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
03/08/2022 23:29	Rohit Shivaji Kute	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
03/08/2022 23:30	MRUNAL LAHANBHAU CHAUDHARI	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
03/08/2022 23:40	Abhishek Rajendra Patil	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
03/08/2022 23:41	Sonali Santosh Kuwar	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
03/08/2022 23:43	Rutuja Jalindar Adhav	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
03/08/2022 23:43	Nikita Shankar Shelke	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
03/08/2022 23:44	Vidya Rishi	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
03/08/2022 23:44	Nikita Ambadas Murkute	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
03/08/2022 23:45	Mrunal Sanjay Chavan	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
03/08/2022 23:49	Pooja Sharad Sangle	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance

Date/Time	Name	Subject 1	Subject 2
03/08/2022 23:51	Bhushan Sanjay Dharne	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
04/08/2022 00:12	Darshan Rajendra Khairnar	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
04/08/2022 00:13	Megha Dhananjay Ahire	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
04/08/2022 00:19	Bhavana Pandit Katyare	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
04/08/2022 00:27	Ruchita Rajendra Sawant	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
04/08/2022 00:37	Ritika Dagdu Salve	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
04/08/2022 00:37	Ajinkya Ramdas Pawar	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
04/08/2022 00:40	Chetana Mahendra Pakhale	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
04/08/2022 00:41	Rutuja Vishnu Shinde	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
04/08/2022 01:02	Punam Balasaheb Deshmukh	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
04/08/2022 01:05	Dipti Sharadpuri Gosavi	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
04/08/2022 01:09	Manas Vasudeo Badhan	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
04/08/2022 02:04	Shubham Vijay jadhav	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
04/08/2022 02:25	Vrushali Dnyaneshwar Nannaware	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
04/08/2022 02:56	Satyam Pravin Kanawade	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
04/08/2022 03:03	Rutuja Rajendrakumar Gite	410244(D) Object Oriented Modeling and Design	41025(D) :Software Testing and Quality Assurance
04/08/2022 03:22	Aniket Ramdas Shinde	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
04/08/2022 04:09	Takate Pratiksha Khandu	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
04/08/2022 05:18	Pratik Prakash Dhamne	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
04/08/2022 05:58	Vivek Anil Bobade	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
04/08/2022 06:52	Rushikesh Khanderav Antre	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
04/08/2022 08:10	Aishwarya Vishnu Ahire	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
04/08/2022 19:28	Tejaswini shivaji kere	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
05/08/2022 02:56	Pooja Rajendra Kokane	410244(D) Object Oriented Modeling and Design	41025(D) :Software Testing and Quality Assurance
07/08/2022 03:53	PRASAD NAMDEV HINGE	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
07/08/2022 03:54	Shweta Tukaram Avhad	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance
10/08/2022 01:15	WAGHMARE	410244(C): Cyber Security and Digital Forensics	41025(D) :Software Testing and Quality Assurance

SUBJECT TEACHER

HOD

Asstt.Pref. & H.O.D
Computer Engineering Department
SVIT, Ch
Tal.Sinnar, Dist. Nashik (422 101)

Savitribai Phule Pune University
Fourth Year of Computer Engineering (2019 Course)
Elective V
410245 (D): Software Testing and Quality Assurance

Teaching Scheme: TH: 03 Hours/Week	Credit 03	Examination Scheme: In-Sem (Paper): 30 Marks End-Sem (Paper): 70 Marks

Prerequisite Courses: Software Engineering (210253), Software Project Management(310245(D))
Companion Course: Lab Practice IV

Course Objectives:

- Introduce basic concepts of software testing.
- Understand the best way to increase the effectiveness, test coverage, and execution speed in software testing.
- Understand white box, block box, object oriented, web based and cloud testing.
- Understand the importance of software quality and assurance software systems development.
- Know in details automation testing and tools used for automation testing.
- To learn and understand the combination of practices and tools that are designed to help QA professionals test more efficiently.

Course Outcomes:

On completion of the course, student will be able to–

CO1: Describe fundamental concepts in software testing such as manual testing, automation testing and software quality assurance.
CO2: Design and Develop project test plan, design test cases, test data, and conduct test operations.
CO3: Apply recent automation tool for various software testing for testing software.
CO4: Apply different approaches of quality management, assurance, and quality standard to software system.
CO5: Apply and analyze effectiveness Software Quality Tools.
CO6: Apply tools necessary for efficient testing framework.

Course Contents

Unit I	Introduction to Software Testing	07 Hours

Introduction: historical perspective, Definition, Core Components, Customers suppliers and process, Objectives of Testing, Testing and Debugging, Need of Testing, Quality Assurance and Testing, Why Software has Errors, Defects and Failures and its Causes and Effects, Total Quality Management(TQM), Quality practices of TQM, Quality Management through- Statistical process Control, Cultural Changes, Continual Improvement cycle, Benchmarking and metrics, Problem Solving Techniques and Software Tools. Software Quality, Constraints of Software product Quality assessment, Quality and Productivity Relationship, Requirements of Product, Software Development Process, Types of Products, Software Development Lifecycle Models, Software Quality Management, Processes related to Software Quality, Quality Management System's Structure, Pillars of Quality Management System, Important aspects of quality management.

#Exemplar/Case Studies
1. Offshore delivery model for an Airline Company.
2. SAP test automation CoE for Financial Service Provider.

Savitribai Phule Pune University
Fourth Year of Computer Engineering (2019 Course)
410244(C): Cyber Security and Digital Forensics

Teaching Scheme: TH: 03 Hours/Week	Credit 03	Examination Scheme: In-Sem (Paper): 30 Marks End-Sem (Paper): 70 Marks

Prerequisite Courses: Computer Networks and Security(310244), Information Security(310254(A))

Companion Course: 410246: Laboratory Practice IV

Course Objectives:
- To enhance awareness cyber forensics.
- To understand issues in cyber crime and different attacks
- To understand underlying principles and many of the techniques associated with the digital forensic practices
- To know the process and methods of evidence collection
- To analyze and validate forensic data collected.
- To apply digital forensic knowledge to use computer forensic tools and investigation report writing.

Course Outcomes: At the end of the course, the student should be able to:
CO1: Analyze threats in order to protect or defend it in cyberspace from cyber-attacks.
CO2: Build appropriate security solutions against cyber-attacks.
CO3: Underline the need of digital forensic and role of digital evidences.
CO4: Explain rules and types of evidence collection
CO5: Analyze, validate and process crime scenes
CO6: Identify the methods to generate legal evidence and supporting investigation reports.

Course Contents

Unit 1	Introduction to Cyber Security	06 Hours

Introduction and Overview of Cyber Crime, Nature and Scope of Cyber Crime, Types of Cyber Crime: crime against an individual, Crime against property, Cyber extortion, Drug trafficking, cyber terrorism. Need for Information security, Threats to Information Systems, Information Assurance, Cyber Security, and Security Risk Analysis.

#Exemplar/Case Studies	Data Breach Digest – Perspective & Reality : http://verizonenterprise.com/databreachdigest
*Mapping of Course Outcome for Unit I	CO1

Unit 2	Cyber Crime Issues and Cyber attacks	06 Hours

Unauthorized Access to Computers, Computer Intrusions, Viruses, and Malicious Code, Internet Hacking and Cracking, Virus and worms, Software Piracy, Intellectual Property, Mail Bombs, Exploitation, Stalking and Obscenity in Internet, Cybercrime prevention methods, Application security (Database, E-mail, and Internet), Data Security Considerations-Backups, Archival Storage and Disposal of Data, Security Technology-Firewall and VPNs, Hardware protection mechanisms, OS Security

#Exemplar/Case Studies	Cyber Stalking types & their cases respectively
*Mapping of Course Outcome for Unit II	CO2

Unit 3	Introduction to Digital Forensics	06 Hours

What is Computer Forensics?, Use of Computer Forensics in Law Enforcement, Computer Forensics Assistance to Human Resources/Employment Proceedings, Computer Forensics Services, Benefits of Professional Forensics Methodology, Steps taken by Computer Forensics Specialists Types of Computer

Academic year 2022-23

BE COMPUTER ENGINEERING

Elective subject choice Response

Timestamp	Email Address	Score	Roll No :	Name of the Students(Last Name, First Name, Middle Name)	Elective II : Information Security	Elective II : Cloud Computing
1/12/2022 12:20:38	aniketshinde3404@gmail.com	0	85	Shinde Aniket Ramdas	No	Yes
1/12/2022 12:29:48	ahiremegha5@gmail.com	0	32	Ahire Megha Dhananjay	No	Yes
1/12/2022 12:34:34	sr.nilimaghuge@gmail.com	0	78	Ghuge Nilima Manohar	No	Yes
1/12/2022 12:38:50	kaleaditya643@gmail.com	0	15	Kale Aditya yuvraj	..	Cloud computing
1/12/2022 12:40:07	rutujashinde6686@gmail.com	0	25	Rutuja Vishnu Shinde	No	Yes
1/12/2022 12:40:34	ritikzinjurde@gmail.com	0	41	Ritik Shivram Zinjurde	No	Yes
1/12/2022 12:42:32	rahulkhemnar44@gmail.com	0	80	Khemnar Rahul Vitthal	Yes	No
1/12/2022 12:42:52	vaishnavibhatjire11@gmail.com	0	48	Bhatjire vaishnavi deepak	No	Yes
1/12/2022 12:43:20	vrushali251001@gmail.com	0	02	Nannaware Vrushali Dnyaneshwar	No	Yes
1/12/2022 12:43:43	utkarshaerande5@gmail.com	0	77	Erande Utkarsha subhash	No	Yes
1/12/2022 12:43:54	sanketdk138@gmail.com	0	27	Kandekar Sanket Dattatray	No	Yes
1/12/2022 12:59:17	ritikzinjurde@gmail.com	0	41	Zinjurde Ritik Shivram	NO	YES
1/12/2022 12:59:22	gauravchavangc123@gmail.com	0	72	Chavan Gaurav Ashok	Nope	Yess
1/12/2022 13:00:25	rutujaadhav276@gmail.com	0	74	Adhav Rutuja Jalindar	Yes	No
1/12/2022 13:04:01	ayushsinha24@gmail.com	0	40	KrishnaGopal Sinha	No	Yes
1/12/2022 13:04:06	monikavishwa9@gmail.com	0	87	Vishwakarma Monika Jayprakash	Yes	No
1/12/2022 13:06:14	gauravkhairnar2106@gmail.com	0	28	KHAIRNAR GAURAV PRAKASH	No	Yes
1/12/2022 13:16:07	rohitkute898@gmail.com	0	55	Kute Rohit Shivaji	Yes	No
1/12/2022 13:16:11	vishalc2901@gmail.com	0	62	Chavhan Vishal Vishnu	Yes	No
1/12/2022 13:17:26	nktgodase@gmail.com	0	06	Godase Nikita Sandip	No	Yes
1/12/2022 13:18:43	gitetejswini2001@gmail.com	0	16	Gite Tejaswini Ramkrushna	No	Yes
1/12/2022 13:24:58	abhid9219@gmail.com	0	36	Deshmukh Abhishek Sachin	No	Yes
1/12/2022 13:25:23	bhushandharane@gmail.com	0	29	Dharane Bhushan Sanjay	No	Yes
1/12/2022 13:30:41	nikitagawali77@gmail.com	0	49	Gawali Nikita Rameshwar	No	Yes
1/12/2022 13:31:11	gayatriautade24@gmail.com	0	31	Autade Gayatri Shivdas	No	Yes
1/12/2022 13:37:31	rajputsanika18@gmail.com	0	24	Chauhan sanika jitendrasing	No	Yes
1/12/2022 13:39:26	prathameshnimbalkar45@gmail.com	0	17	Nimbalkar Prathamesh Ramesh	No	Yes
1/12/2022 13:41:15	aartipandit8888@gmail.com	0	22	Pandit aarti budhibal	No	Yes
1/12/2022 13:41:47	mayurkatkade1310@gmail.com	0	03	Katkade Mayur Balu	No	Yes
1/12/2022 13:42:16	murkutenikita2001@gmail.com	0	10	Murkute Nikita Ambadas	-	Yes
1/12/2022 13:49:34	mrunalchaudhari2002@gmail.com	0	71	Chaudhari mrunal lahanbhau	No	Yes
1/12/2022 13:49:47	avhadarchana315@gmail.com	0	39	Avhad Archana pandurang	No	Yes

1/12/2022 13:50:12	ankitaavhad9@gmail.com	0	09	Avhad Ankita Bharat	--	Yes
1/12/2022 13:53:23	pawaserupesh6@gmail.com	0	11	Pawase Rupesh Shivaji	No	Yes
1/12/2022 14:13:37	aishwaryaa6363@gmail.com	0	33	Ahire Aishwarya Vishnu	No	Yes
1/12/2022 15:22:45	shukladivya627@gmail.com	0	01	Shukla Divya Vijaypratap	No	Yes
1/12/2022 15:32:23	nilakshichangle@gmail.com	0	12	Changle Nilakshi Bharat	No	Yes
1/12/2022 15:36:15	chetanapakhale@gmail.com	0	05	Pakhale chetana Mahendra	Yes	No
1/12/2022 15:44:38	preranasanap94@gmail.com	0	51	Sanap prerana bhausaheb	Yes	No
1/12/2022 15:53:32	kanganeshubhangi2000@gmail.com	0	63	kangane shubhangi sadashiv	yes	no
1/12/2022 15:54:05	sahildarade17@gmail.com	0	45	DARADE SAHIL DAULAT	No	Yes
1/12/2022 16:01:51	dipalisanap1307@gmail.com	0	35	Sanap dipali dinkar	No	Yes
1/12/2022 16:13:01	diptigosavi2000@gmail.com	0	50	Gosavi Dipti Sharadpuri	Yes	No
1/12/2022 16:17:51	darshankhairnar007@gmail.com	0	14	Khairnar Darshan Khairnar	No	Yes
1/12/2022 16:21:07	poojabhopi16@gmail.com	0	53	Bhopi Pooja Balkrushna	Yes	No
1/12/2022 16:35:56	manasbadhan@gmail.com	0	69	Badhan Manas Vasudeo	No	Yes
1/12/2022 16:49:11	manjushavighne@gmail.com	0	46	Vighne Manjusha Appasaheb	No	Yes
1/12/2022 17:08:13	tejaswinikere123@gmail.com	0	37	Kere Tejaswini shivaji	No	Yes
1/12/2022 17:09:30	rushikeshantre3003@gmail.com	0	07	Rushikesh Khanderav Antre	No	Yes
1/12/2022 17:10:43	takatepratiksha2001@gmail.com	0	08	Takate Pratiksha Khandu	No	Yes
1/12/2022 17:10:58	harshalmagar5@gmail.com	0	21	Magar Harshal Baban	No	Yes
1/12/2022 18:17:07	pj8377666@gmail.com	0	57	Jagtap Prajakta Ashok	No	Yes
1/12/2022 18:22:25	rutujagite5@gmail.com	0	79	Gite Rutuja Rajendrakumar	Yes	No
1/12/2022 18:39:53	sanglepooja3011@gmail.com	0	44	Sangle Pooja Sharad	No	Yes
1/12/2022 18:49:24	mrunalchavan9754@gmail.com	0	73	Chavan Mrunal Sanjay	Yes	No
1/12/2022 19:06:19	vidyarishi87@gmail.com	0	38	Vidya Rishi	No	Yes
1/12/2022 19:10:43	shubhangiwaghmare2722@gmail.com	0	04	Waghmare Shubhangi Ravsaheb	No	Yes
1/12/2022 19:11:38	sanskrutisuryawanshi.00@gmail.com	0	86	Suryawanshi Sanskruti Dipak	Yes	No
1/12/2022 19:14:13	satyamkanawade@gmail.com	0	18	Kanawade Satyam Pravin	No	Yes
1/12/2022 20:17:53	milinddhade055@gmail.com	0	66	DHADE MILIND GANESH	Yes	Yse
1/12/2022 20:38:36	utkarshdeshpande98@gmail.com	0	60	Deshpande Utkarsh Prashant	No	Yes
1/12/2022 20:44:06	kaverimore243@gmail.com	0	61	More kaveri Jitendra	No	Yes
1/12/2022 20:45:38	kaverimore243@gmail.com	0	61	More Kaveri Jitendra	No	Yes
1/12/2022 21:02:41	srnikitashelke290@gmail.com	0	84	Shelke Nikita Shankar	No	Yes
1/12/2022 21:46:17	vaishnavikarpevk@gmail.com	0	23	Karpe Vaishnavi Vaijnath	Yes	No
1/12/2022 22:34:45	snehalvugale2001@gmail.com	0	19	Ugale snehal vijay	Yes	No
1/13/2022 7:18:16	kuwarsonali4@gmail.com	0	42	Kuwar Sonali Santosh	Yes	No
1/13/2022 8:14:01	rajeshwarikhade49@gmail.com	0	26	Khade Rajeshwari Ganpat	No	Yes
1/13/2022 10:43:29	ppdhamne05@gmail.com	0	76	Dhamne Pratik Prakash	No	Yes
1/13/2022 11:54:56	hingeprasad.pnh@gmail.com	0	20	Hinge Prasad Namdev	No	Yes
1/15/2022 11:51:01	madhuripalve8866@gmail.com	0	52	Palve Madhuri Pandurang	No	Yes
1/15/2022 17:14:09	shwetaavhad083@gmail.com	0	43	Avhad Shweta Tukaram	Yes	-

HOD,Computer Engineering

Asstt.Prof. & H.O.D
Computer Engineering Department
SVIT,Chincholi,
Tal.Sinnar,Dist.Nashik (422 101)

Savitribai Phule Pune University
Third Year of Computer Engineering (2019 Course)
(With effect from Academic Year 2021-22)

— Home —

Semester VI

Course Code	Course Name	Teaching Scheme (Hours/week) $$			Examination Scheme and Marks						Credit Scheme			
		$$ Lecture	Practical	Tutorial	Mid-Sem	End-Sem	Term work	Practical	Oral	Total	Lecture	Practical	Tutorial	Total
310251	Data Science and Big Data Analytics	04	-	-	30	70	-	-	-	100	03	-	-	03
310252	Web Technology	04	-	-	30	70	-	-	-	100	03	-	-	03
310253	Artificial Intelligence	04	-	-	30	70	-	-	-	100	03	-	-	03
310254	Elective II	04	-	-	30	70	-	-	-	100	03	-	-	03
310255	Internship**	-	-	-	-	-	100 **	-	-	100	-	-	-	04 **
310256	Data Science and Big Data Analytics Laboratory	-	04	-	-	-	50	25	-	75	-	02	-	02
310257	Web Technology Laboratory	-	02	-	-	-	25	-	25	50	-	01	-	01
310258	Laboratory Practice II	-	04	-	-	-	50	25	-	75	-	02	-	02
	Total	12	10	-	120	280	225	50	25	700	12	09	-	21
310259	Audit Course 6												Grade	
	Total										12	09	-	21

310254 Elective II Options:
310254(A) Information Security
310254(B) Augmented and Virtual Reality
310254(C) Cloud Computing
310254(D) Software Modeling and Architectures

310259 Audit Course 6 Options:
310259(A) Digital and Social Media Marketing
310259(B) Sustainable Energy Systems
310259(C) Leadership and Personality Development
310259(D) Foreign Language
310259(E) Learn New Skills

Laboratory Practice II:
Assignments from **Artificial Intelligence** and **Elective II**.

**** Internship:**
Internship guidelines are provided in course curriculum sheet.

$$ Hours/Week for Theory Course in Third Year of Engineering, Semester VI:
As per the apex bodies' recommendations and guidelines, it is need of the day to train the pre-final year students for the industrial readiness through internship. As per the guidelines of AICTE, the duration of internship is 4-6 weeks after completion of semester V and before commencement of semester VI, so it is apparent that the contact hours of the TE students need to be managed meticulously. It becomes mandatory as per the structure that 4 credits for internship must earned by the students. Per semester, 15 weeks duration that is suggested ideally by the affiliated university will eventually reduce to fruitful 12 weeks after the implementation of the revised curriculum (2019 Course). With the evaluatory introduction of internship in the structure, we are left with the choice of 4 theory courses in the sixth semester with 12 weeks instead of traditional 15 weeks. To balance the credits and to achieve the minimum required contact hours, it is the reasonable choice to allot 4 hours / week for each theory course of the sixth semester of Third year of Engineering. The additional one lecture/ week will definitely be instrumental in achieving the largest of minimum contact hours. As such there is no correspondence of weekly load and credits earned, the credit allotted per course remain intact despite of the change. So it is almost imperative that the commencement of VI Semester need to be approx. 3 weeks beyond the schedule.

Savitribai Phule Pune University
Third Year of Computer Engineering (2019 Course)

Home

Elective II
310254(C): Cloud Computing

Teaching Scheme: **Credit: 03**   **Examination Scheme:**
Theory: 04 Hours/Week   **Mid-Semester (TH) : 30 Marks**
                                         End-Sem (TH): 70 Marks

Prerequisites Courses: Computer Networks and Security(310244), Distributed Systems (310245C)

Companion Course: Laboratory Practice II (310258)

Course Objectives:
- To study fundamental concepts of cloud computing
- To learn various data storage methods on cloud
- To understand the implementation of Virtualization in Cloud Computing
- To learn the application and security on cloud computing
- To study risk management in cloud computing
- To understand the advanced technologies in cloud computing

Course Outcomes:

On completion of the course, learners should be able to

CO1: Understand the different Cloud Computing environment

CO2: Use appropriate data storage technique on Cloud, based on Cloud application

CO3: Analyze virtualization technology and install virtualization software

CO4: Develop and deploy applications on Cloud

CO5: Apply security in cloud applications

CO6: Use advance techniques in Cloud Computing

Course Contents

Unit I	Introduction to Cloud Computing	07 Hours

Importance of Cloud Computing, Characteristics, Pros and Cons of Cloud Computing, Migrating into the Cloud, Seven-step model of migration into a Cloud, Trends in Computing. **Cloud Service Models:** SaaS, PaaS, IaaS, Storage. **Cloud Architecture:** Cloud Computing Logical Architecture, Developing Holistic Cloud Computing Reference Model, Cloud System Architecture, Cloud Deployment Models.

#Exemplar/Case Studies	Cloud Computing Model of IBM
*Mapping of Course Outcomes for Unit I	CO1

Unit II	Data Storage and Cloud Computing	07 Hours

Data Storage: Introduction to Enterprise Data Storage, Direct Attached Storage, Storage Area Network, Network Attached Storage, Data Storage Management, File System, Cloud Data Stores, Using Grids for Data Storage. **Cloud Storage:** Data Management, Provisioning Cloud storage, Data Intensive Technologies for Cloud Computing. **Cloud Storage from LANs to WANs:** Cloud Characteristics, Distributed Data Storage.

#Exemplar/Case Studies	Online Book Marketing Service, Online Photo Editing Service

BE Electrical (2019 Course)

SEM-I

Course Code	Course Name	Teaching Scheme				Examination Scheme						Credit				
		Th	Pr	Tu	PW	ISE	ESE	TW	PR	OR	Total	Th	Pr	Tu	PW	Total
403141	Power System Operation & Control	3	2	–	–	30	70	25	–	25	150	3	1	–	–	4
403142	Advanced Control System	3	2	–	–	30	70	–	–	50	150	3	1	–	–	4
403143	Elective-I	3	2	–	–	30	70	–	–	25	125	3	1	–	–	4
403144	Elective-II	3	–	2*	–	30	70	25	–	–	125	3	–	1	–	4
403145	Project Stage-I	–	–	–	4	–	–	50	–	50	100	–	–	–	2	2
403146	MOOCs	–	–	–	–	–	–	50	–	–	50	–	–	–	2	2
403147	Audit Course-VII	2#	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Total	12	6	2	4	120	280	150	–	150	700	12	3	1	4	20

403143: Elective-I	403144: Elective-II	403147: Audit Course-VII
403143A: PLC and SCADA 403143B: Power Quality Management 403143C: High Voltage Engineering ✓ 403143D: Robotics and Automation	403144A : Alternate Energy System 403144B : Electrical & Hybrid Vehicle ✓ 403144C : Special-purpose Machines 403144D: HVDC & FACTS	403147 A: German Language I 403147B: Engineering Economics I 403147C: Sustainability(IGBC)

SEM-II

Course Code	Course Name	Teaching Scheme				Examination Scheme						Credit				
		Th	Pr	Tu	PW	ISE	ESE	TW	PR	OR	Total	Th	Pr	Tu	PW	Total
403148	Switchgear and Protection	3	2	–	–	30	70	25	–	50	175	3	1	–	–	4
403149	Advanced Electrical Drives & Control	3	2	–	–	30	70	25	50	–	175	3	1	–	–	4
403150	Elective-III	3	–	–	–	30	70	–	–	–	100	3	–	–	–	3
403151	Elective-IV	3	–	–	–	30	70	–	–	–	100	3	–	–	–	3
403152	Project stage II	–	–	–	12	–	–	100	–	50	150	–	–	–	6	6
403153	Audit course VIII	2#	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Total	12	4	–	12	120	280	150	50	100	700	12	2	–	6	20

403150: Elective-III	403151: Elective-IV	403153: Audit Course-VIII
403150 A : Digital Control System 403150 B : Restructuring and Deregulation 403 150 C: Smart Grid ✓ 403150 D: SensorTechnology (Open Elective)	403151A: EHV AC Transmission 403151B : Illumination Engineering ✓ 403151C: Electromagnetic Fields 403151D: AI and ML (Open Elective)	403153A: German Language II 403153B: Engineering Economics II 403153C: Green Building

* For the tutorial, one credit is given. # Audit Course: Conduct over and above these lectures.

H.O.D.

BE Electrical (2019 Course)

Dept. of Electrical Engg.
Sir Visvesvaraya Institute of Technology
Chincholi, Nashik - 422101

2

Notice   **Date:** 3 july 2022

All BE E&TC students are here by informed that following Elective Subjects are offered by SPPU and all are requested to give their choice for elective subject in given format

Academic Year	Semester	Name of the Class	Name of Elective Subject
2022 23	Sem 1	B.E. E&TC(2019 Course)	**Elective –III** 1. Speech Processing 2. PLC SCADA & Automation 3. JAVA Script 4. Embedded & RTOS 5. Modernized IoT
			Elective –IV 1. Data Mining 2. Electronic Product Development 3. Deep Learning 4. Low Power CMOS 5. Smart Antennas

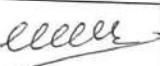**Class Teacher**   **HOD ETC**
Mr. Liladhar Bhamare   Ms Archana Hatkar
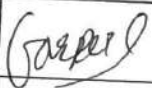
H.O.D.
Department of Electronics & Telecommunication Engg
...

Electronics and Telecommunication Engg
Elective III subject choice   B.E. E&TC 2022 23   Sem 1

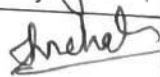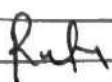| Roll No	Name	Subject elected III	Subject elected IV	Signature
1	Aniket Kiran Adhav	Modernized IoT	Electronic Product Development	
2	Akhade Shruti	Modernized IoT	Electronic Product Development	
3	Anuja Sanjay Gadekar	Modernized IoT	Electronic Product Development	Anja
4	Apeksha Manohar Avhad	Modernized IoT	Electronic Product Development	Apeksha
5	Avhad Arpita Ashok	Modernized IoT	Electronic Product Development	AAA
6	Avhad Nikita	Modernized IoT	Electronic Product Development	NA
7	Avhad Swarupa Baban	Modernized IoT	Electronic Product Development	
8	Bhagwat Ravi	Modernized IoT	Electronic Product Development	Ravi
9	Chavanke Tejal Avinash	Modernized IoT	Electronic Product Development	Tejal
10	Chopade Shubhangi D	Modernized IoT	Electronic Product Development	
11	Gaidhani Sakshi	Modernized IoT	Electronic Product Development	
12	Ghumare Snehal Valmik	Modernized IoT	Electronic Product Development	
13	Gore Prasad Sachin	Modernized IoT	Electronic Product Development	Gaspal
14	Khule vaishnavi Sunil	Modernized IoT	Electronic Product Development	VSK
15	Kotkar Rutuja	Modernized IoT	Electronic Product Development	
16	Kushare arati shantaram	Modernized IoT	Electronic Product Development	Akati
17	Malwal Tejal	Modernized IoT	Electronic Product Development	Tyul
18	Mhasalkar Snehal	Modernized IoT	Electronic Product Development	Snehal
19	Muntode Amrapali	Modernized IoT	Electronic Product Development	MA
20	Nathe Rutuja Vitthal	Modernized IoT	Electronic Product Development	Patuja
21	Papal Rutuja	Modernized IoT	Electronic Product	Ruti

22			Development	
23	patil Aniket kishor	Modernized IoT	Electronic Product Development	PatilA
24	patil Pratik bhagwan	Modernized IoT	Electronic Product Development	PPB
25	Mohan Pawar	Modernized IoT	Electronic Product Development	Qu
26	Pradnya Bharambe	Modernized IoT	Electronic Product Development	Bus
27	Shaikh Farheen	Modernized IoT	Electronic Product Development	Ff
28	Sonwane Akshay	Modernized IoT	Electronic Product Development	Aks
29	Ankita navnath sonawane	Modernized IoT	Electronic Product Development	Aknty
30	Pallavi Sopan Sonwane	Modernized IoT	Electronic Product Development	Pallav
	Samadhan Uttam Sonwane	Modernized IoT	Electronic Product Development	SOS

Class Teacher
Mr. Liladhar Bhamare

HOD ETC
Ms Archana Hatkar

H.O.D.
Department of Electronics & Telecommunication Engg
SV El., Tal. Sinnar,
Dist. Nashik

Electronics and Telecommunication Engineering

Notice

Date: 11 dec 2022

All BE E&TC students are here by informed that following Elective Subjects are offered by SPPU and all are requested to give their choice for elective subject in given format

Academic Year	Semester	Name of the Class	Name of Elective Subject
2022 23	Sem 2	B.E. E&TC(2019 Course)	Elective –V 1. Biomedical Signal Processing 2. Industrial Drives & Automation 3. Android Development 4. Embedded System Design 5. Mobile Computing
			Elective –VI 1.System on Chip 2. Nano Electronics 3. Remote Sensing 4. Digital Marketing 5. Open Elective

Class Teacher
Mr. Liladhar Bhamare

HOD ETC
Ms Archana Hatkar

H.O.D.
eoartment of Electronics & Telecommunication Engg
SVIT, Tal. Sinnar,
Dist. Nashik

Electronics and Telecommunication Engg
Elective subject choice   B.E. E&TC 2022 23
Sem 2

Roll No	Name	Subject elected V	Subject elected VI	Signature
1	Aniket Kiran Adhav	Mobile Computing	Digital Marketing	
2	Akhade Shruti	Mobile Computing	Digital Marketing	
3	Anuja Sanjay Gadekar	Mobile Computing	Digital Marketing	
4	Apeksha Manohar Avhad	Mobile Computing	Digital Marketing	
5	Avhad Arpita Ashok	Mobile Computing	Digital Marketing	
6	Avhad Nikita	Mobile Computing	Digital Marketing	
7	Avhad Swarupa Baban	Mobile Computing	Digital Marketing	
8	Bhagwat Ravi	Mobile Computing	Digital Marketing	
9	Chavanke Tejal Avinash	Mobile Computing	Digital Marketing	
10	Chopade Shubhangi D	Mobile Computing	Digital Marketing	
11	Gaidhani Sakshi	Mobile Computing	Digital Marketing	
12	Ghumare Snehal Valmik	Mobile Computing	Digital Marketing	
13	Gore Prasad Sachin	Mobile Computing	Digital Marketing	
14	Khule vaishnavi Sunil	Mobile Computing	Digital Marketing	
15	Kotkar Rutuja	Mobile Computing	Digital Marketing	
16	Kushare arati shantaram	Mobile Computing	Digital Marketing	
17	Malwal Tejal	Mobile Computing	Digital Marketing	
18	Mhasalkar Snehal	Mobile Computing	Digital Marketing	
19	Muntode Amrapali	Mobile Computing	Digital Marketing	
20	Nathe Rutuja Vitthal	Mobile Computing	Digital Marketing	
21	Papal Rutuja	Mobile Computing	Digital Marketing	
22	patil Aniket kishor	Mobile Computing	Digital Marketing	
23	patil Pratik bhagwan	Mobile Computing	Digital Marketing	
24	Mohan Pawar	Mobile Computing	Digital Marketing	
25	Pradnya Bharambe	Mobile Computing	Digital Marketing	
26	Shaikh Farheen	Mobile Computing	Digital Marketing	
27	Sonwane Akshay	Mobile Computing	Digital Marketing	
28	Ankita navnath sonawane	Mobile Computing	Digital Marketing	
29	Pallavi Sopan Sonwane	Mobile Computing	Digital Marketing	
30	Samadhan Uttam Sonwane	Mobile Computing	Digital Marketing	

Class Teacher
Mr. Liladhar Bhamare

HOD ETC
Ms Archana Hatkar
H O D
Department of Electronics & Telecommunication Engg
Late Gopal Sanstha
Nashik

Savitribai Phule Pune University, Pune
B.E. (Electronics & Telecommunication) 2019 Course
(With effect from Academic Year 2022-23)

Semester-VII

Course Code	Course Name	Teaching Scheme (Hours/Week)			Examination Scheme and Marks						Credit			
		Theory	Practical	Tutorial	In-Sem	End-Sem	TW	PR	OR	Total	TH	PR	TUT	Total
404181	Radiation & Microwave Theory	03	-	-	30	70	-	-	-	100	03	-	-	03
404182	VLSI Design and Technology	03	-	-	30	70	-	-	-	100	03	-	-	03
404183	Cloud Computing	03	-	-	30	70	-	-	-	100	03	-	-	03
404184	Elective - 3	03	-	-	30	70	-	-	-	100	03	-	-	03
404185	Elective - 4	03	-	-	30	70	-	-	-	100	03	-	-	03
404186	Lab Practice - 1 (RMT & Cloud Computing)	-	04	-	-	-	25	-	50	75	-	02	-	02
404187	Lab Practice - 2 (VLSI Design & Elective -3)	-	04	-	-	-	25	50	-	75	-	02	-	02
404188	Project Stage - I	-	02	-	-	-	50	-	-	50	-	01	-	01
404189	Mandatory Audit Course 7	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total	15	10	-	150	350	100	50	50	700	-	-	-	-
	Total Credits										15	05	-	20

Elective - 3	Elective - 4
1. Speech Processing	1. Data Mining
2. PLC SCADA & Automation	2. Electronic Product Development
3. JAVA Script	3. Deep Learning
4. Embedded & RTOS	4. Low Power CMOS
5. Modernized IoT	5. Smart Antennas

Mandatory Audit Course - 7
1. Management Information System
2. Patent Search & Analysis
3. Knowledge Management
4. Energy Economics & Policy
5. Educational Leadership
6. Human Resource Development

Savitribai Phule Pune University, Pune
B.E. (Electronics & Telecommunication) 2019 Course
(With effect from Academic Year 2022-23)

Semester-VIII

Course Code	Course Name	Teaching Scheme (Hours/Week)			Examination Scheme and Marks						Credit			
		Theory	Practical	Tutorial	In-Sem	End-Sem	TW	PR	OR	Total	TH	PR	TUT	Total
404190	Fiber Optic Communication	03	-	-	30	70	-	-	-	100	03	-	-	03
404191	Elective - 5	03	-	-	30	70	-	-	-	100	03	-	-	03
404192	Elective - 6	03	-	-	30	70	-	-	-	100	03	-	-	03
404193	Innovation & Entrepreneurship	-	-	02	-	-	50	-	-	50	-	-	02	02
404194	Digital Business Management	-	-	02	-	-	50	-	-	50	-	-	02	02
404195	Fiber Optic Lab	-	02	-	-	-	25	-	50	75	-	01	-	01
404196	Lab Practice - 3 (Elective - 5)	-	02	-	-	-	25	50	-	75	-	01	-	01
404197	Project Stage - II	-	10	-	-	-	100	-	50	150	-	05	-	05
	Total	09	14	04	90	210	250	50	100	700	-	-	-	-
	Total Credits										09	07	04	20

Elective - 5	Elective - 6
1. Biomedical Signal Processing	1. System on Chip
2. Industrial Drives & Automation	2. Nano Electronics
3. Android Development	3. Remote Sensing
4. Embedded System Design	4. Digital Marketing
5. Mobile Computing	5. Open Elective

H.O.U
Department of Electronics & Telecommunication Engg
SVIT, Tal. Sinnar,
Dist. Nashik

Savitribai Phule Pune University
Third Year of Information Technology (2019 course)
(With effect from Academic Year 2021-22)
Semester-V

Course Code	Course Name	Teaching Scheme (Hours/ week)			Examination Scheme and Marks						Credit Scheme			
		Theory	Practical	Tutorial	Mid-Sem	End-Sem	Term work	Practical	Oral	Total	Lecture	Practical	Tutorial	Total
314441	Theory of Computation	03	-	-	30	70	-	-	-	100	3	-	-	3
314442	Operating Systems	03	-	-	30	70	-	-	-	100	3	-	-	3
314443	Machine Learning	03	-	-	30	70	-	-	-	100	3	-	-	3
314444	Human Computer Interaction	03	-	-	30	70	-	-	-	100	3	-	-	3
314445	Elective-I	03	-	-	30	70	-	-	-	100	3	-	-	3
314446	Operating Systems Lab	-	04	-	-	-	25	25	-	50	-	2	-	2
314447	Human Computer Interaction- Lab	-	02	-	-	-	-	-	50	50	-	1		1
314448	Laboratory Practice-I	-	04	-	-	-	25	25		50	-	2	-	2
314449	Seminar	-	01	-	-	-	50	-	-	50	-	1	-	1
314450	Audit Course 5	-	-	-	-	-	-	-	-	-	-	-	-	-
								Total Credit			15	06	-	21
	Total	15	11	-	150	350	100	50	50	700	15	06	-	21

Abbreviations: TH: Theory, TW: Term Work, PR: Practical , OR: Oral ,TUT: Tutorial

Elective-I:
314445A- Design and Analysis of Algorithm
314445B- Advanced Database and Management System
314445C- Design Thinking
314445D- Internet of Things
Laboratory Practice-I:
Assignment from Machine Learning and Elective I

Audit Course 5:
314450A-Banking and Insurance
314450B-Startup Ecosystems
314450C- Foreign Language–(Japanese Language- III)

Note: Students of T.E. (Information Technology) can opt any one of the audit course from the list of audit courses prescribed by BoS (Information Technology)

Savitribai Phule Pune University
Third Year of Information Technology (2019 Course)
(With effect from Academic Year 2021-22)
Semester-VI

Course Code	Course Name	Teaching Scheme (Hours/ week)			Examination Scheme and Marks						Credit Scheme			
		Lecture	Practical	Tutorial	Mid-Sem	End-Sem	Term Work	Practical	Oral	Total	Lecture	Practical	Tutorial	Total
314451	Computer Networks& Security	03	-	-	30	70	-	-	-	100	03			03
314452	Data Science and Big Data Analytics	03	-	-	30	70	-	-	-	100	03			03
314453	Web Application Development	03	-	-	30	70	-	-	-	100	03			03
314454	Elective-II	03	-	-	30	70	-	-	-	100	03			03
314455	Internship	-	04	-	-	-	100	-	-	100		04		04
314456	Computer Networks& Security-Lab	-	04	-	-	-	25	-	50	75		02		02
314457	DS & BDA-Lab	-	02	-	-	-	25	25	-	50		01		01
314458	Laboratory Practice-II	-	04	-	-	-	50	25	-	75		02		02
314459	Audit Course 6	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total										12	09	-	21
	Total	12	14	-	120	280	200	50	50	700	12	09	-	21

Abbreviations: TH: Theory, TW: Term Work, PR: Practical , OR: Oral, TUT: Tutorial

Elective-II:	Audit Course 6:
314454A- Artificial Intelligence	314459A - Green and Unconventional Energy
314454B- Cyber Security	314459B - Leadership and Personality Development
314454C -Cloud Computing	314459C- Foreign Language-(Japanese Language- IV)
314454D- Software Modeling and Design	

Laboratory Practice-II:

Assignments from Web Application Development and Elective-II.

Note: Students of T.E. (Information Technology) can opt any one of the audit course from the list of audit courses prescribed by BoS (Information Technology)

TE IT Elective Subject Choice AY 2022-23

Timestamp	Name of students	Roll no	Name of Elective-I Subject	Name of Elective-II Subject
8/1/2022 10:38:53	Pranav Bhushan Sonawane	51	Internet of Things	Software Modeling and Design
8/1/2022 10:41:04	Ashish Kothwal	64	Internet of Things	Software Modeling and Design
8/1/2022 10:52:57	Shantanu Popat Pawar	74	Design and Analysis of Algorithm	Software Modeling and Design
8/1/2022 11:05:25	Dumbare Pallavi Rajendra	14	Design and Analysis of Algorithm	Software Modeling and Design
8/1/2022 13:13:53	Kedar pooja sanjay	27	Internet of Things	Software Modeling and Design
8/1/2022 14:02:34	Kurhe Ashutosh Annasaheb	35	Internet of Things	Software Modeling and Design
8/1/2022 14:29:58	Nagare Nikita Umesh	37	Design and Analysis of Algorithm	Software Modeling and Design
8/1/2022 15:45:31	Swapnil Sadanand Ekhande.	15	Design and Analysis of Algorithm	Software Modeling and Design
8/1/2022 15:45:34	Ashish Kothwal	64	Design and Analysis of Algorithm	Software Modeling and Design
8/1/2022 16:44:37	Avhad Jayshri bhaskar	67	Internet of Things	Software Modeling and Design
8/1/2022 20:34:36	Yash ajay kedar	61	Internet of Things	Cloud Computing
8/2/2022 7:38:43	Kedar Shubhangi Sadashiv	28	Internet of Things	Cloud Computing
8/2/2022 10:16:37	Hemant Shirsath	50	Internet of Things	Software Modeling and Design
8/2/2022 10:24:26	Pratiksha Uttam Ugale	53	Internet of Things	Software Modeling and Design
8/2/2022 11:49:07	Padol Omkar Dharmanath	77	Internet of Things	Software Modeling and Design
8/2/2022 13:21:23	Holkar Shrutika Ravindra	59	Internet of Things	Software Modeling and Design
8/2/2022 14:13:38	Rushikesh Jondhale	68	Internet of Things	Software Modeling and Design
8/2/2022 15:46:58	Rutuja Navnath Barke	04	Internet of Things	Software Modeling and Design
8/2/2022 16:09:17	Shubham Sudhakar Deshmukh	15	Internet of Things	Software Modeling and Design
8/2/2022 21:27:33	Ghuge Archana sanjay	20	Internet of Things	Cloud Computing
8/3/2022 10:13:25	Soham pushpak gujrathi	22	Internet of Things	Software Modeling and Design
8/3/2022 11:24:01	Kokate Nikhil Balasaheb	33	Internet of Things	Software Modeling and Design
8/3/2022 16:12:47	Rohit popat nathe	63	Internet of Things	Software Modeling and Design
8/5/2022 11:07:54	Darade Poonam Shivaji	10	Internet of Things	Software Modeling and Design
8/5/2022 18:07:02	Homeshwari Rajendra Chaudhari	06	Internet of Things	Software Modeling and Design
8/5/2022 18:07:24	Homesh Rajendra Chaudhari	05	Internet of Things	Cloud Computing
8/5/2022 18:07:41	HOMESH RAJENDRA CHAUDHA	05	Internet of Things	Software Modeling and Design
8/5/2022 22:39:50	Akshata Sanjay Shinde	46	Internet of Things	Software Modeling and Design
8/5/2022 22:48:32	Om Vikhe	55	Internet of Things	Software Modeling and Design
8/5/2022 22:55:54	Pawar Gauri Vinod	41	Design and Analysis of Algorithm	Software Modeling and Design
8/6/2022 8:08:26	Warungase priya Vijay	58	Internet of Things	Software Modeling and Design
8/6/2022 14:37:15	KHARDE NARENDRA RAJENDR	31	Internet of Things	Software Modeling and Design
8/6/2022 16:30:27	Kokate Dnyaneshwar Pundlik	62	Internet of Things	Software Modeling and Design
8/6/2022 18:42:24	Dhanshree Chandan Umare	70	Internet of Things	Software Modeling and Design
8/6/2022 19:37:06	ANISH KIRAN GAVALI	19	Internet of Things	Cloud Computing
8/6/2022 20:03:14	Sairaj subhash naikwadi	38	Internet of Things	Cloud Computing
8/6/2022 22:23:00	Komal Kiran Kapse	25	Internet of Things	Software Modeling and Design

Timestamp	Name	Roll No	Subject 1	Subject 2
8/6/2022 22:27:28	Shruti vinod karpe	26	Internet of Things	Software Modeling and Design
8/7/2022 0:48:02	Shewale Pallavi Vijay	72	Internet of Things	Software Modeling and Design
8/7/2022 13:23:20	Shinde poorva suresh	47	Internet of Things	Software Modeling and Design
8/7/2022 21:07:37	Ashish Ramdas Avhad	02	Internet of Things	Software Modeling and Design
8/8/2022 20:24:50	Sakshi Devkisan Wagh	56	Internet of Things	Software Modeling and Design
8/9/2022 12:18:52	Komal rajendra sangle	45	Internet of Things	Software Modeling and Design
8/10/2022 9:52:11	Kokate Kajal Manik	32	Internet of Things	Software Modeling and Design
8/10/2022 12:50:22	Pratik Ramdas Walke	57	Internet of Things	Software Modeling and Design
8/11/2022 16:22:55	Kaveri Datta Lonare	36	Internet of Things	Software Modeling and Design
8/11/2022 16:35:47	Sangale pooja bharat	43	Internet of Things	Software Modeling and Design
8/12/2022 14:06:00	Gadakh Prasad Ravindra	16	Internet of Things	Cloud Computing
8/12/2022 14:08:04	Gadakh Prasad Ravindra	16	Internet of Things	Software Modeling and Design
8/16/2022 11:58:36	Mhaske vidya rajaram	72	Internet of Things	Software Modeling and Design
8/16/2022 13:03:17	Avhad Roshan Vishwanath	03	Internet of Things	Software Modeling and Design
8/16/2022 21:22:22	Chourashiya Ajit Rajaram	07	Internet of Things	Software Modeling and Design
8/17/2022 9:01:46	Pekhale Gayatri Ramdas	65	Internet of Things	Software Modeling and Design
8/17/2022 12:59:08	Shubham deshmukh	12	Internet of Things	Software Modeling and Design
8/17/2022 13:00:19	Kere Gaurav shivaji	29	Internet of Things	Software Modeling and Design
8/17/2022 15:50:36	Harshal Rajendra Tilekar	52	Internet of Things	Software Modeling and Design
8/17/2022 23:09:25	Abhishek RAJBHAR	42	Internet of Things	Software Modeling and Design
8/18/2022 13:00:49	Shantanu santosh sangale	44	Internet of Things	Software Modeling and Design
8/18/2022 13:10:52	Pawar Gauri Vinod	41	Internet of Things	Cloud Computing
8/18/2022 13:13:09	Dumbare Pallavi Rajendra	14	Internet of Things	Software Modeling and Design
8/18/2022 13:14:54	Nagare Nikita Umesh	37	Internet of Things	Software Modeling and Design
8/18/2022 13:20:49	GAIKWAD GANESH DAULAT	17	Internet of Things	Software Modeling and Design
8/18/2022 21:50:55	Rahul Dnyaneshwar Kakade	29	Internet of Things	Software Modeling and Design

(Mr.R.S.Bhalerao)

H.O.D

Savitribai Phule Pune University
Final Year of Information Technology (2019 Course)
(With effect from Academic Year 2022-23)

Semester VII

Course Code	Course Name	Teaching Scheme(Hours/week)			Examination Scheme and Marks						Credit Scheme			
		Lecture	Practical	Tutorial	Mid-Sem	End-Sem	Termwork	Practical	Oral	Total	Lecture	Practical	Tutorial	Total
414441	Information and Storage Retrieval	03	-	-	30	70	-	-	-	100	3	-	-	3
414442	Software Project Management	03	-	-	30	70	-	-	-	100	3	-	-	3
414443	Deep Learning	03	-	-	30	70	-	-	-	100	3	-	-	3
414444	Elective III	03	-	-	30	70	-	-	-	100	3	-	-	3
414445	Elective IV	03	-	-	30	70	-	-	-	100	3	-	-	3
414446	Lab Practice III	-	04	-	-	-	25	-	25	50	-	2	-	2
414447	Lab Practice IV	-	02	-	-	-	25	25	-	50	-	1	-	1
414448	Project Stage-I	-	-	02	-	-	50	-	-	50	-	-	2	2
414449	Audit Course7													
	Total Credit										15	03	02	20
	Total	15	06	02	150	350	100	25	25	650	15	03	02	20

Elective III:	Elective IV:
• Mobile Computing	• Bioinformatics
• High Performance Computing	• Introduction to DevOps
• Multimedia Technology	• Computer Vision
• Smart Computing	• Wireless Communications

Lab Practice-III:	Lab Practice-IV:
It is based on subjects:	It is based on subjects:
• Information and Storage Retrieval	• Deep Learning

Audit Courses 7:

- 414449A: Copyrights and Patents
- 414449B: Stress Management by Yoga
- 414449C: English for Research Paper Writing

BE IT Elective III & IV choice AY 2022-23 Semester-I

Timestamp	Name of student	Class	Roll No	Email ID	Mobile No	Elective Subject-I choice	Elective Subject-II choice
8/1/2022 11:40:16	Sakshi Ananta Nagare	BE-IT	50	sakshinagare416@gm	7620732248	Mobile Computing	Wireless Communications
8/1/2022 12:32:44	Rutuja Babasaheb Kawade	BEIT	34	rutujabk44@gmail.com	9689312378	Multimedia Technology	Wireless Communications
8/1/2022 13:07:25	Shantanu Walunj	BEIT	81	shantanuwalunj478@g	8411038640	Mobile Computing	Bioinformatics
8/1/2022 13:08:08	Rushikesh Kekane	BE-IT	35	rushikeshkekane97@g	7219080839	Mobile Computing	Bioinformatics
8/1/2022 13:19:18	Rushikesh ratan kakad	BE - IT	31	rushikeshkakad32@gn	7517740939	Mobile Computing	Bioinformatics
8/1/2022 13:55:13	Akshada Kiran jadhav	BE IT	28	akshadajadhavcv@gm	9970063756	Mobile Computing	Wireless Communications
8/1/2022 16:09:11	Shelke Tejal Sharad	BE IT	72	tejushelke1@gmail.cor	8668781211	Mobile Computing	Wireless Communications
8/2/2022 16:23:04	Amir Shaikh	BEIT	70	aashaikh0201@gmail.	07057701069	Mobile Computing	Wireless Communications
8/2/2022 16:26:13	Rakesh Santosh More	BEIT	50	rakeshsmore2198@gn	7798073562	Mobile Computing	Wireless Communications
8/2/2022 16:42:25	Altaf sultan shaikh	BEIT	69	altafshaikha2s@gmail.	9960242137	Multimedia Technology	Wireless Communications
8/2/2022 16:47:45	Nishant Rajesh Pawar	BEIT	54	pawarnishantmail@gm	9373115274	Multimedia Technology	Wireless Communications
8/2/2022 21:17:57	Naikwade Kajal Namdev	BEIT	51	naikwadekajal2015@g	9112983275	Mobile Computing	Bioinformatics
8/2/2022 21:26:45	Avhad Kavita Santosh	BE-IT	03	avhadkavita2001@gm;	8080249749	Mobile Computing	Wireless Communications
8/3/2022 11:27:03	Shibnath Nandi	BE-IT	52	shibnathnandi1621@g	7385521224	Mobile Computing	Bioinformatics
8/3/2022 22:28:56	Pooja santosh Bhadke	BE IT	7	poojabhadke222@gma	9307104833	Mobile Computing	Wireless Communications
8/3/2022 23:21:07	Aniket Shivnath Malunjkar	BE IT	46	aniketmalunjkar2001@	8421656323	Multimedia Technology	Bioinformatics
8/4/2022 9:59:37	Roshan Sawant	BE-IT	68	roshansawant071@gn	9067115734	Multimedia Technology	Bioinformatics
8/4/2022 10:07:25	Abhijeet Bhausaheb Gadakh	BE-IT	17	abhijeetgadakh01@gn	+918623900765	Multimedia Technology	Bioinformatics
8/4/2022 10:30:55	Priya khakrode	BEIT	38	Piakhakrode@gmail.cc	8459784827	Mobile Computing	Wireless Communications
8/4/2022 11:45:17	Snehal Shashikant Sonawane	BEIT	76	Snehalsonawane24200	9822706544	Multimedia Technology	Bioinformatics
8/4/2022 12:24:18	Devashri Tulshidas Patil	BE IT	57	devashripatil2001@gn	9359789276	Multimedia Technology	Bioinformatics
8/4/2022 13:41:31	Avhad Pallavi Somnath	BEIT	4	Pallaviavhad0@gmail.	7820971330	Multimedia Technology	Bioinformatics
8/4/2022 15:06:25	Ugale Sakshi Sunil	BE	78	sakshiugale1405@gm;	7719093314	Multimedia Technology	Bioinformatics
8/5/2022 9:27:09	Shipranjali Gangurde	BEIT	73	shipranjaligangurde@c	7709503723	Multimedia Technology	Bioinformatics
8/5/2022 15:05:11	Piyush Tanaji Bhujbal	B.E I.T	74	bhujbalpiyush@gmail.c	9356089148	Multimedia Technology	Bioinformatics
8/5/2022 15:10:50	Rutik Sunil Malave	BE-IT	44	rutikmalave14@gmail.	9657916007	Multimedia Technology	Bioinformatics
8/6/2022 10:56:37	Ketan Ramanth Kawade	BE IT	36	ketankawade1@gmail.	8329099009	Multimedia Technology	Bioinformatics
8/7/2022 12:00:37	Shreyas Ganesh Waghchaure	BE-IT	80	shreyaswaghchaure@	9423750364	Multimedia Technology	Bioinformatics
8/7/2022 12:03:06	Chavan Krushna Vikas	BE	12	krushnachavan9545@	9545151536	Multimedia Technology	Bioinformatics
8/7/2022 12:07:01	Ajinkya ravindra pawar	BE IT	60	pajinkya664@gmail.co	+917385790321	Multimedia Technology	Bioinformatics
8/7/2022 12:09:17	Vrushali Khairnar	BEIT	37	vrushalik000@gmail.cc	7796245202	Multimedia Technology	Bioinformatics
8/10/2022 22:24:01	Shruti avhad	BE-IT	05	shrutiavhad30@gmail.	9503355518	Multimedia Technology	Bioinformatics
8/11/2022 9:31:01	Roshan Prakash Devkar	BE IT	14	roshandevkar40@gma	7385908783	Multimedia Technology	Bioinformatics
8/11/2022 15:33:07	ADITYA KOKATE	BE IT	41	akokate00@gmail.com	7028841903	Multimedia Technology	Bioinformatics
8/11/2022 22:52:31	Ashwini Balu burkul	BE IT	11	ashwiniburkul2000@gr	7249738142	Multimedia Technology	Bioinformatics
8/12/2022 7:50:07	Avhad Janhavi Navnath	BEIT	02	janhaviavhd111@gmai	7499737806	Multimedia Technology	Bioinformatics
8/13/2022 14:37:16	Shubham Santosh Nage	BE	75	shubhamnage@gmail.	8805882363	Mobile Computing	Bioinformatics
8/13/2022 21:01:30	Prasad Mali	BEIT	45	maliprasad26@gmail.c	8605201250	Multimedia Technology	Bioinformatics
8/21/2022 10:00:43	Dnyaneshwar Goraksh Mandlik	BE	47	dnyaneshwarmandlik0	9156273751	Multimedia Technology	Bioinformatics
8/22/2022 9:18:26	Ghodsare sagar	BE	25	Sagarghodsare21@gn	8600716726	Multimedia Technology	Bioinformatics
8/22/2022 10:49:50	Viraj thorat	Be it	77	virajthorat90@gmail.cc	8975571992	Multimedia Technology	Bioinformatics
8/25/2022 21:47:49	pragatikailasghayvate@gmail.com	BEIT	24	pragatikailasghayvate@	7038399839	Multimedia Technology	Bioinformatics

(Mr.R.S.Bhalerao)

H.O.D

Savitribai Phule Pune University
Final Year of Information Technology (2019Course)
(With effect from Academic Year2022-23)

Semester VIII

Course Code	Course Name	Teaching Scheme (Hours/week)			Examination Scheme and Marks						Credit Scheme			
		Lecture	Practical	Tutorial	Mid-Sem	End-Sem	Teamwork	Practical	Oral	Total	Lecture	Practical	Tutorial	Total
414450	Distributed Systems	03	-	-	30	70	-	-	-	100	03			03
414451	Elective V	03	-	-	30	70	-	-	-	100	03			03
414452	Elective VI	03	-	-	30	70	-	-	-	100	03			03
414453	Startup and Entrepreneurship	-	-	03	-	-	50	-	-	50	-	-	03	03
414454	Lab Practice V	-	04	-	-	-	50	25	-	75		02		02
414455	Lab Practice VI	-	02	-	-	-	25	-	50	75		01		01
414456	Project Stage II	-	10	-	-	-	100	-	50	150		05		05
414457	AuditCourse8													
									Total Credit		09	08	03	20
	Total	09	16	03	90	210	225	50	75	650	09	08	03	20

Elective V:	Elective VI:
• Software Defined Networks • Social Computing • Natural Language Processing • Soft Computing • Game Engineering	• Ethical Hacking and Security • Augmented and Virtual Reality • Business Analytics and Intelligence • Blockchain Technology
Lab Practice V: It is based on subjects: • Distributed Systems	**Lab Practice VI:** It is based on subjects: • Elective VI

Audit Courses 8:
- 414457A: Functional Programming in Haskell
- 414457B: Cyber Laws and Use of Social Media
- 414457C: Constitution of India

BE IT Elective V & VI choice AY 2022-23 Semester-II

Timestamp	Name of Student	Roll No	Elective-V Subject Choice	Elective-VI Subject Choice
1/10/2023 18:23:37	Sakshi Ananta Nagare	7	Social Computing	Block Chain Technology
1/10/2023 18:24:38	Rutuja Babasaheb Kawade	05	Social Computing	Block Chain Technology
1/10/2023 18:29:34	Shantanu Walunj	8	Social Computing	Block Chain Technology
1/10/2023 18:31:24	Rushikesh Kekane	24	Social Computing	Block Chain Technology
1/10/2023 18:37:41	Rushikesh ratan kakad	40	Social Computing	Block Chain Technology
1/10/2023 18:47:18	Akshada Kiran jadhav	44	Social Computing	Block Chain Technology
1/10/2023 19:00:52	Shelke Tejal Sharad	01	Social Computing	Ethical Hacking & Security
1/10/2023 19:04:20	Amir Shaikh	61	Social Computing	Block Chain Technology
1/10/2023 19:16:58	Rakesh Santosh More	10	Game Engineering	Block Chain Technology
1/10/2023 19:35:26	Altaf sultan shaikh	02	Social Computing	Block Chain Technology
1/10/2023 20:32:11	Nishant Rajesh Pawar	47	Social Computing	Block Chain Technology
1/10/2023 21:14:14	Naikwade Kajal Namdev	55	Social Computing	Ethical Hacking & Security
1/10/2023 21:21:51	Avhad Kavita Santosh	38	Social Computing	Block Chain Technology
1/10/2023 21:23:51	Shibnath Nandi	9	Social Computing	Block Chain Technology
1/10/2023 21:32:29	Pooja santosh Bhadke	04	Social Computing	Block Chain Technology
1/10/2023 23:23:43	Aniket Shivnath Malunjkar	43	Social Computing	Block Chain Technology
1/11/2023 9:22:03	Roshan Sawant	41	Social Computing	Block Chain Technology
1/11/2023 9:24:48	Abhijeet Bhausaheb Gadakh	15	Game Engineering	Block Chain Technology
1/11/2023 9:29:14	Priya khakrode	12	Social Computing	Block Chain Technology
1/11/2023 9:29:46	Snehal Shashikant Sonawane	28	Social Computing	Block Chain Technology
1/11/2023 9:33:34	Devashri Tulshidas Patil	60	Social Computing	Ethical Hacking & Security
1/11/2023 9:36:05	Avhad Pallavi Somnath	14	Social Computing	Block Chain Technology
1/11/2023 9:38:39	Ugale Sakshi Sunil	45	Social Computing	Block Chain Technology
1/11/2023 9:45:58	Shipranjali Gangurde	49	Social Computing	Block Chain Technology
1/11/2023 9:56:09	Piyush Tanaji Bhujbal	13	Social Computing	Block Chain Technology
1/11/2023 9:59:22	Rutik Sunil Malave	42	Social Computing	Block Chain Technology
1/11/2023 9:59:32	Ketan Ramanth Kawade	54	Social Computing	Block Chain Technology
1/11/2023 9:59:50	Shreyas Ganesh Waghchaure	51	Social Computing	Block Chain Technology
1/11/2023 10:00:15	Chavan Krushna Vikas	39	Game Engineering	Ethical Hacking & Security
1/11/2023 10:06:04	Ajinkya ravindra pawar	52	Social Computing	Block Chain Technology
1/11/2023 10:21:37	Vrushali Khairnar	36	Social Computing	Block Chain Technology
1/11/2023 10:21:49	Shruti avhad	59	Social Computing	Block Chain Technology
1/11/2023 10:22:40	Roshan Prakash Devkar	34	Game Engineering	Block Chain Technology
1/11/2023 10:29:00	ADITYA KOKATE	03	Social Computing	Block Chain Technology
1/11/2023 10:46:52	Ashwini Balu burkul	56	Social Computing	Ethical Hacking & Security
1/11/2023 11:07:16	Avhad Janhavi Navnath	50	Social Computing	Block Chain Technology
1/11/2023 11:35:01	Shubham Santosh Nage	62	Social Computing	Block Chain Technology
1/11/2023 11:39:47	Prasad Mali	30	Social Computing	Block Chain Technology
1/11/2023 11:46:26	Dnyaneshwar Goraksh Mandlik	31	Social Computing	Block Chain Technology
1/11/2023 12:59:06	Ghodsare sagar	53	Social Computing	Block Chain Technology
1/11/2023 13:14:39	Viraj thorat	16	Social Computing	Block Chain Technology
1/11/2023 13:51:18	pragatikailasghayvate@gmail.com	19	Social Computing	Block Chain Technology

(Mr.R.S Bhalerao)

H.O.D

Savitribai Phule Pune University
Board of Studies - Automobile and Mechanical Engineering
Undergraduate Program - Mechanical Engineering (2019 pattern)

Course Code	Course Name	Teaching Scheme (Hrs./week)			Examination Scheme and Marks						Credit			
		TH	PR	TUT	ISE	ESE	TW	PR	OR	Total	TH	PR	TUT	Total
Semester-V														
302041	Numerical & Statistical Methods	3	-	1	30	70	25	-	-	125	3	-	1	4
302042	Heat & Mass Transfer	3	2	-	30	70	-	50	-	150	3	1	-	4
302043	Design of Machine Elements	3	2	-	30	70	-	-	25	125	3	1	-	4
302044	Mechatronics	3	2	-	30	70	-	-	25	125	3	1	-	4
302045	Elective I	3	-	-	30	70	-	-	-	100	3	-	-	3
302046	Digital Manufacturing Laboratory	-	2	-	-	-	50	-	-	50	-	1	-	1
302047	Skill Development	-	2	-	-	-	25	-	-	25	-	1	-	1
302048	Audit course - V$	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total	15	10	1	150	350	100	50	50	700	15	5	1	21
Semester-VI														
302049	Artificial Intelligence &Machine Learning	3	2	-	30	70	-	-	25	125	3	1	-	4
302050	Computer Aided Engineering	3	2	-	30	70	-	50	-	150	3	1	-	4
302051	Design of Transmission Systems	3	2	-	30	70	-	-	25	125	3	1	-	4
302052	Elective II	3	-	-	30	70	-	-	-	100	3	-	-	3
302053	Measurement Laboratory	-	2	-	-	-	50	-	-	50	-	1	-	1
302054	Fluid Power &Control Laboratory	-	2	-	-	-	50	-	-	50	-	1	-	1
302055	Internship/Mini project *	-	4	-	-	-	100	-	-	100	-	4	-	4
302056	Audit course - VI$	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total	12	14	-	120	280	200	50	50	700	12	9	-	21

Elective-I		Elective-II	
302045-A	Advanced Forming & Joining Processes	302052-A	Composite Materials
302045-B	Machining Science & Technology	302052-B	Surface Engineering

Abbreviations: TH: Theory, **PR**: Practical, **TUT**: Tutorial, **ISE**: In-Semester Exam, **ESE**: End-Semester Exam, **TW**: Term Work, **OR**: Oral

Note: Interested students of TE (Automobile Engineering and Mechanical Engineering) can opt for any one of the audit course from the list of audit courses prescribed by BOS (Automobile and Mechanical Engineering)

Instructions:
- Practical/Tutorial must be conducted in FOUR batches per division only.
- Minimum number of Experiments/Assignments in PR/Tutorial shall be carried out **as mentioned in the syllabi** of respective courses.
- Assessment of tutorial work has to be carried out similar to term-work. The Grade cum marks for Tutorial and Term-work shall be awarded on the basis of **continuous evaluation.**
- $Audit course is mandatory but non-credit course. Examination has to be conducted at the end of Semesters for award of grade at institute level. Grade awarded for audit course shall not be calculated for grade point & CGPA.

H.O.D
DEPARTMENT OF MECHANICAL ENGG
SIR VISVESVARAYA INSTITUTE OF
TECHNOLOGY. CHINCHOLI,
NASIK - 422101

Savitribai Phule Pune University

Board of Studies - Mechanical and Automobile Engineering

Undergraduate Program – Final Year Mechanical Engineering (2019 pattern)

Course Code	Course Name	Teaching Scheme (Hrs./week)			Examination Scheme and Marks						Credit			
		TH	PR	TUT	ISE	ESE	TW	PR	OR	TOTAL	TH	PR	TUT	TOTAL
Semester-VII														
402041	Heating Ventilation Air-Conditioning and Refrigeration	3	2	-	30	70	-	-	25	125	3	1	-	4
402042	Dynamics of Machinery	3	2	-	30	70	-	-	25	125	3	1	-	4
402043	Turbomachinery*	2	2	-	-	50	25	-	25	100	2	1	-	3
402044	Elective – III	3	-	-	30	70	-	-	-	100	3	-	-	3
402045	Elective - IV	3	-	-	30	70	-	-	-	100	3	-	-	3
402046	Data Analytics Laboratory	-	2	-	-	-	50	-	-	50	-	1	-	1
402047	Project (Stage - I)	-	4	-	-	-	50	-	50	100	-	2	-	2
402054	Audit Course VII$	-	-	-	-	-	-	-	-	-	-	-	NC	
	Total	14	12	-	120	330	125	-	125	700	14	6	-	20
Semester-VIII														
402048	Computer Integrated Manufacturing	3	2	-	30	70	25	-	25	150	3	1	-	4
402049	Energy Engineering	3	2	-	30	70	25	-	25	150	3	1	-	4
402050	Elective - V	3	-	-	30	70	-	-	-	100	3	-	-	3
402051	Elective - VI	3	-	-	30	70	-	-	-	100	3	-	-	3
402052	Mechanical Systems Analysis Laboratory	-	2	-	-	-	25	-	25	50	-	1	-	1
402053	Project (Stage - II)	-	10	-	-	-	100	-	50	150	-	5	-	5
402055	Audit Course VIII$	-	-	-	-	-	-	-	-	-			NC	
		12	16	-	120	280	175	-	125	700	12	8	-	20

Elective-III			**Elective-V**	
402044A	Automobile Design		402050A	Quality and Reliability Engineering
402044B	Design of Heat Transfer Equipments		402050B	Energy Audit and Management
402044C	Modern Machining Processes		402050C	Manufacturing Systems and Simulation
402044D	Industrial Engineering		402050D	Engineering Economics and Financial Management
402044E	Internet of Things		402050E	Organizational Informatics
402044F	Computational Fluid Dynamics		402050F	Computational Multi Body Dynamics
Elective-IV			**Elective-VI**	
402045A	Product Design and Development		402051A	Process Equipment Design
402045B	Experimental Methods in Thermal Engineering		402051B	Renewable Energy Technologies
402045C	Additive Manufacturing		402051C	Automation and Robotics
402045D	Operations Research		402051D	Industrial Psychology and Organizational Behavior
402045E	Augmented Reality and Virtual Reality		402051E	Electrical and Hybrid Vehicle

Audit Courses			
402054A	Yoga Practices	402054B	Stress Management
402055A	Managing Innovation	402055B	Operations Management

Abbreviations: TH: Theory, **PR:** Practical, **TUT:** Tutorial, **ISE:** In-Semester Exam, **ESE:** End-Semester Exam, **TW:** Term Work, **OR:** Oral

- Student can select any elective subjects from the list given as per his/her choice. However, it is advised to select the subjects from within a group identified for specialization.

H.O.D
DEPARTMENT OF MECHANICAL ENGG
SIR VISVESVARAYA INSTITUTE OF
TECHNOLOGY. CHINCHOLI,
NASIK 422101

Sir Visvesvaraya Institute of Technology, Nashik
Department of
Mechanical Engineering Elective Choice
from Students 2022-23 Sem. I

Class - BE Mechanical

All the students of BE Mechanical Engineering are hereby informed that kindly give Elective choice for Academic Year 2022-23 Sem. I by tickmark(✓) in respective box.

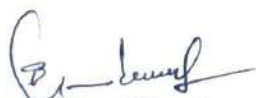Elective 402045A Product Design and Development
402045B Experimental Methods
in Thermal Engineering 402045C Additive Manufacturing
402045D Operations Research
402045E Augmented Reality and Virtual Reality

Roll No.	Name of the Student	Product Design and Development	Experimental Methods in Thermal Engineering	Additive Manufacturing	Operations Research	Augmented Reality and Virtual Reality	Sign.
1	JadhavSiddharthKiran			✓			
2	IgheShubhamBalu			✓			
3	DaradeShaileshShivaji			✓			
4	GuddalliShrikantJagannath			✓			
5	JagtapSiddharthPrakash			✓			
6	DawareTejasMadhukar			✓			
7	IlagSumitMaruti			✓			
8	VelkarAmolRaju			✓			
9	BodkeRushikeshRajan			✓			
10	ShindeDevdattSahebrao			✓			
11	GaikheAkshayRajendra			✓			
12	KumbhkarnBhushanSunil			✓			
13	DeokarTejasNivrutti			✓			
14	KuteGauravAnanda			✓			
15	DondGauravNivrutti			✓			
16	GaikwadHarshalBalu			✓			
17	SonawanePravavBhagawan			✓			
18	BhangareRohanDevkisan			✓			
19	KhairnarAjitAnnasaheb			✓			
20	Miss.SonawaneJayshriR.			✓			
21	Miss.SahaneTejalUddhav			✓			
22	PawarAniketRamnath			✓			
23	JejurkarAudumbarSomnath			✓			
24	DhonnarKiranNamdev			✓			
25	Miss.KatharPriyankaSanjay			✓			
26	KahandalAnilRangnath			✓			
27	DhabaleYogeshShantaram			✓			
28	GandhakeMaheshSubhash			✓			

No.	Name							Signature
29	SangaleSarthakDattatray			✓				S.
30	MaliRushikeshPandurang			✓				Rmali
31	NatheAkashDattatray			✓				A.D.Nathe
32	BhavsarChinmaySurendra			✓				Bavar
33	GhadsareGokulSubhash			✓				G
34	NavaleTejasAvinash			✓				Navale
35	KasarSudarshanSopan			✓				Kasar
36	DaradeAkshayDattu			✓				ADarde
37	GhotekarAkshayAnil			✓				GR
38	NakaweRupeshAvinash			✓				RR
39	GadgeShubhamBalasaheb			✓				Gadge
40	NikamSaurabhSanjay			✓				Sub
41	SarafTejasSushil			✓				Saraf
42	Miss.BinnarShwetaDattu			✓				Binnar
43	PatilGauravVasudev			✓				patil
44	SonawaneOmkeshGulab			✓				Snail
45	PawarPrajjwalSubhash			✓				Pawar
46	ShindePranitSubhash			✓				Shinde
47	NirgudeShubhamShivaji			✓				Nirgude
48	BhadangeAmolLaxman			✓				Bhaday
49	JadhavRahulNamdev			✓				Jadav
50	BhabadShubhamNamdev			✓				SBhabad
51	LondheSiddheshRajendra			✓				Sindly

Elective Subject Teacher
Prof. S. R. Chaudhari

HOD
Prof. V. L. Kadlag

Sir Visvesvaraya Institute of Technology, Nasik
Department of Mechanical Engineering
Elective Choice from Students 2022-23 Sem. I

Class - BE Mechanical

All the students of BE Mechanical Engineering are hereby informed that kindly give Elective choice for Academic Year 2022-23 Sem. I by tick mark (✓) in respective box.

Elec 402044A Automobile Design   402044D Industrial Engineering

402044B Design of Heat Transfer Equipments   402044E Internet of Things

402044C Modern Machining Processes   402044F Computational Fluid Dynamics

| Roll No. | Name of the Student | Elective III | | | | | | Sign. |
		Automobile Design	Design of Heat Transfer Equipments	Modern Machining Processes	Industrial Engineering	Internet of Things	Computational Fluid Dynamics	
1	Jadhav Siddharth Kiran			✓				
2	Ighe Shubham Balu			✓				
3	Darade Shailesh Shivaji			✓				
4	Guddalli Shrikant Jagannath			✓				
5	Jagtap Siddharth Prakash			✓				
6	Daware Tejas Madhukar			✓				
7	Ilag Sumit Maruti			✓				
8	Velkar Amol Raju			✓				
9	Bodke Rushikesh Rajan			✓				
10	Shinde Devdatt Sahebrao			✓				
11	Gaikhe Akshay Rajendra			✓				
12	Kumbhkarn Bhushan Sunil			✓				
13	Deokar Tejas Nivrutti			✓				
14	Kute Gaurav Ananda			✓				
15	Dond Gaurav Nivrutti			✓				
16	Gaikwad Harshal Balu			✓				
17	Sonawane Pravav B			✓				
18	Bhangare Rohan Devkisan			✓				
19	Khairnar Ajit Annasaheb			✓				
20	Miss.Sonawane Jayshri R			✓				

21	Miss.Sahane Tejal Uddhav			✓			
22	Pawar Aniket Ramnath			✓			
23	Jejurkar Audumbar S			✓			
24	Dhonnar Kiran Namdev						
25	Miss.Kathar Priyanka S						
26	Kahandal Anil Rangnath						
27	Dhabale Yogesh Shantaram			✓			
28	Gandhake mahesh s			✓			
29	Sangale Sarthak D.			✓			
30	Mali Rushikesh P.			✓			
31	Nathe Akash D.			✓			
32	Bhavsar chinmay s.			✓			
33	Ghodgare Gokul s.			✓			
34	Nawde Tejas						
35	Kasar Sudarshan			✓			
36	Javade Akshay			✓			
37	Ghotekar Akshay A.			✓			
38	Nakawe Rupesh A.			✓			
39	Gadge Shubham B.			✓			
40	Nikam Saurabh. S			✓			
41	Sarat Tejas Sushil						
42	Miss. Birmar Sweety D.			✓			
43	Patil Gaurav Vasudev						
44	Sonawane Omkesh G.			✓			
45	Pawar Prajwal S.			✓			
46	Shinde Pranit S.			✓			
47	Nirgude Shubham. S			✓			
48	Bhadange Amol L.			✓			
49	Jadhav Rahul N.			✓			
50	Bhabad Shubham N.			✓			
51	londhe Siddhesh R			✓			
52							
53							

Elective Subject Teacher

[Mr. R. S. Belkar]

HOD

(Mr. V. L. Kadlag)