



Key Indicator- 1.3 Curriculum Enrichment

1.3.1 Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Sr. No.	Core courses relevant to	Name of the Course	Page No
1	Professional Ethics	Professional Ethics and Etiquette(TE Comp)	2
2		Entrepreneurship Development(BE Com)	3
3	<i>Gender</i>	FE Induction Program	4
4	<i>Human Values</i>	FE Induction Program	13
5	<i>Environment and Sustainability</i>	Environmental Studies(SE Com)	24
6		Green Construction and Design(SE Com)	25
7		Water Management(SE Com)	25
8		Sustainable Energy Systems(TE Comp)	26
9		Industrial Safety and Environment Consciousness(BE Comp)	27
10		Environmental Studies-I(FE)	28
11		Environmental Studies-II(FE)	28

Savitribai Phule Pune University
Third Year of Engineering (2019 Course)
310250: Audit Course 5



In addition to credits, it is recommended that there should be audit course, in preferably in each semester starting from second year in order to supplement students' knowledge and skills. Student will be awarded the bachelor's degree if he/she earns specified total credit [1] and clears all the audit courses specified in the curriculum. The student will be awarded grade as AP on successful completion of audit course. The student may opt for one of the audit courses per semester, starting in second year first semester. Though not mandatory, such a selection of the audit courses helps the learner to explore the subject of interest in greater detail resulting in achieving the very objective of audit course's inclusion. List of options offered is provided. Each student has to choose one audit course from the list per semester. Evaluation of audit course will be done at Institute level itself. Method of conduction and method of assessment for audit courses are suggested.

Criteria

The student registered for audit course shall be awarded the grade AP (Audit Course Pass) and shall be included such AP grade in the Semester grade report for that course, provided student has the minimum attendance as prescribed by the Savitribai Phule Pune University and satisfactory performance and secured a passing grade in that audit course. No grade points are associated with this 'AP' grade and performance in these courses is not accounted in the calculation of the performance indices SGPA and CGPA. Evaluation of audit course will be done at Institute level itself [1]

Guidelines for Conduction and Assessment (Any one or more of following but not limited to):

- | | |
|--|---|
| <ul style="list-style-type: none"> • Lectures/ Guest Lectures • Visits (Social/Field) and reports • Demonstrations or presentations | <ul style="list-style-type: none"> • Surveys • Mini-Project • Hands on experience on focused topic |
|--|---|

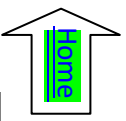
Course Guidelines for Assessment (Any one or more of following but not limited to):

- Written Test
- Demonstrations/ Practical Test
- Presentation or Report

Audit Course 5 Options

Audit Course Code	Audit Course Title
AC5-I	Cyber Security
AC5-II	Professional Ethics and Etiquette
AC5-III	MOOC- Learn New Skills
AC5- IV	Engineering Economics
AC5-V	Foreign Language (one of Japanese/ Spanish/ French/ German). Course contents for Japanese (Module 3) are provided. For other languages institute may design suitably.

Note: It is permitted to opt one of the audit courses listed at SPPU website too, if not opted earlier.
<http://collegecirculars.unipune.ac.in/sites/documents/Syllabus%202017/Forms/AllItems.aspx>
http://www.unipune.ac.in/university_files/syllabi.htm



Savitribai Phule Pune University
Fourth Year of Engineering (2019 Course)
410249: Audit Course 7

In addition to credits, it is recommended that there should be audit course, in preferably in each semester starting from second year in order to supplement students' knowledge and skills. Student will be awarded the bachelor's degree if he/she earns specified total credit [1] and clears all the audit courses specified in the curriculum. The student will be awarded grade as AP on successful completion of audit course. The student may opt for one of the audit courses per semester, starting in second year first semester. Though not mandatory, such a selection of the audit courses helps the learner to explore the subject of interest in greater detail resulting in achieving the very objective of audit course's inclusion. List of options offered is provided. Each student has to choose one audit course from the list per semester. Evaluation of audit course will be done at Institute level itself. Method of conduction and method of assessment for audit courses are suggested.

Criteria

The student registered for audit course shall be awarded the grade AP (Audit Course Pass) and shall be included such AP grade in the Semester grade report for that course, provided student has the minimum attendance as prescribed by the Savitribai Phule Pune University and satisfactory performance and secured a passing grade in that audit course. No grade points are associated with this 'AP' grade and performance in these courses is not accounted in the calculation of the performance indices SGPA and CGPA. Evaluation of audit course will be done at Institute level itself [1]

Guidelines for Conduction and Assessment (Any one or more of following but not limited to):

- | | |
|--|---|
| <ul style="list-style-type: none"> • Lectures/ Guest Lectures • Visits (Social/Field) and reports • Demonstrations or presentations | <ul style="list-style-type: none"> • Surveys • Mini-Project • Hands on experience on focused topic |
|--|---|

Course Guidelines for Assessment (Any one or more of following but not limited to):

- Written Test
- Demonstrations/ Practical Test
- Presentation or Report

Audit Course 5 Options

Audit Course Code	Audit Course Title
AC7-I	MOOC- Learn New Skills
AC7-II	Entrepreneurship Development
AC7-III	Botnet of Things
AC7-IV	3D Printing
AC7-V	Industrial Safety and Environment Consciousness

ARMY INSTITUTE OF TECHNOLOGY
Department of Applied Science & General Engineering

FE INDUCTION PROGRAM 2021-2022

Day 3: Wednesday 10th November 2021 - Coordinator Dr Ganesh Mundhe

Time	Activity	Medium of Online Instruction : Microsoft Teams	Resource Persons	Meeting Organizer
10:00 am – 11:00 am	Embracing Challenges	FE All Classes	Commander Konkar	<u>Mr Sachin Tanwade</u>
11.00am – 12.00pm	Gender Sensitivity	FE All Classes	Adv Sayali Ganu	<u>Mr Vitthal Hivrale</u>
BREAK				
2.00pm – 3.00pm	Club Activity	FE All Classes	Maths Club	<u>Ms Anita Suryawnsi</u>
3.00pm – 4.00pm		FE All Classes	Nature Club	<u>Dr Shailesh Dhoke</u>

*Meeting organizer will submit student attendance and recording of each session to Coordinator & HOD once the session is over.

List of FE Students attended

1	A AJAY PRAVEEN PRAVEEN
2	A PAWAN KISHORE
3	ABHISHEK KUMAR SHARMA
4	ADITI DIPAK MORE
5	AKASH KUMAR
6	AKRATI SINGH
7	AMAN VERMA
8	AMRIT LAKHLAN
9	ANKITA MISHRA
10	ANURAG KUMAR TIWARI
11	ARMAN MAAN
12	ATUL KUMAR
13	AYUSH KUMAR
14	DEEPAK KUMAR
15	GAURAV KUMAR
16	HARSH SINGH
17	HARSH KUMAR RAI
18	HRISHIKESH R
19	KAVIARASAN R
20	KULDEEP SINGH
21	MAYANK DIMRI
22	NITIN JHAJHARIA
23	PADI ARAVIND KUMAR
24	PIYUSH KUMAR
25	RAHUL SINGH
26	RAKESH
27	RISHABH GUPTA
28	SAKSHI SHARMA
29	SANJIT KUMAR
30	SANTRAM SINGH
31	SHANTANU
32	SHAURYA VARDHAN SINGH
33	UMANG SINGH
34	VAIBHAV SINGH
35	A AJAY KUMAR REDDY
36	ADITYA KUMAR
37	AMAN KUMAR
38	AMRENDRA PRATAP YADAV
39	ANMOL SINGH
40	BHAWANA DANU
41	HARSIT KUMAR
42	HIMANSHU UMRAO
43	KULDEEP SINGH YADAV
44	NAGENDER SINGH SHEKHAWAT

45	NISHANT KUMAR
46	RAKESH KUMAR PRADHAN
47	RIYA
48	RUDRANATH
49	SHIVAM SINGH
50	SHRISTY THAKUR
51	VANDANA KANDPAL
52	MANAS YADAV
53	NISHA YADAV
54	BIKRAM SINGH ADHIKARI
55	LOHITHA VAISHNAVI PADAKANDLA
56	KUMOD KUMAR
57	PORUMAMILLA SANTHOSH
58	FENSE N RAJU
59	G V SAI SISINDRA REDDY
60	GARIMA SINGH
61	HARSH KUMAR
62	JATIN YADAV
63	JITESH KUMAR RAGHAV
64	KANHAYA PANDEY
65	KARAN BIR SINGH
66	KIRTI SAHU
67	KUMARI LADLI
68	NIKITA KUMARI
69	OM PRAKASH SINGH
70	PRASHANT PATEL
71	RAHUL CHOUDHARY
72	RATAN SINGH
73	RAVINDER
74	ROHIT KUMAR SINGH
75	S B ABRISH AADITYA
76	SAGUN CHAUHAN
77	SHASHANK KUMAR
78	SHIVAM KUMAR
79	SHUBHAM KUMAR TIWARI
80	SOURAV NATH
81	SUJEET KUMAR GUPTA
82	PADALA SURAJ
83	TARUN SINGH
84	TUSHAR SHARMA
85	VIKAS SARAN
86	VIKASH KUMAR
87	GUDIA RANI
88	JYOTI YADAV
89	PRAVEENKUMAR S
90	SADY SAI KIRAN REDDY
91	SOURABH KUMAR

92	ADARSH KUMAR
93	AKHILESH GUPTA
94	HEMANT SINGH
95	ALLEN SABU
96	SURAJ KUMAR JHA
97	ABHISHEK CHAND
98	AAKASH SHARMA
99	AASHUTOSH SINGH RAWAT
100	ABDUL HUQ
101	AKASHDEEP SINGH
102	AMAN SIHAG
103	AMAN YADAV
104	AMLESH KUMAR
105	ANKIT PANDEY
106	ANKUSH
107	ANSHUMAN MOURYA
108	ARNAV SINGH
109	ARYAN DESWAL
110	ARYAN MISHRA
111	ASMITA TRIPATHI
112	AVADHESH YADAV
113	DEEPANSHU GHADWAL
114	DEEWAN SINGH
115	DHEERAJ KUMAR
116	DHRUV LOHAN
117	GAURAV SINGH CHAUHAN
118	GIRIRAJ SINGH
119	HARSH BISHT
120	HARSHAL PATIL
121	HIMAL KUMAR SINGH
122	KHUSHI SHAH
123	KIRAN KUMAR SAINI
124	NAZIR IQBAL
125	NITIN KUMAR
126	NITIN KUMAR
127	PAWAN SINGH
128	PEDDI REDDI SRI VIJAYAKIRAN
129	PRAFULLA SHUKLA
130	PRIKSHIT SHARMA
131	PULAK SASMAL
132	RISHURAJ
133	ROHIT KUMAR
134	RONAK KUMAR
135	SAMIR RAI
136	SHASHVAT KHAJURIA
137	SHUBHAM BALLAL
138	SONAM BAJPAI

139	SUNIL CHAUDHARY
140	SURAJ KUMAR
141	SURAJ CHANDRAKANT JAGADALE
142	TEJASWI
143	UTKARSH
144	VARSHIT REDDY NAREDDY
145	VINAY TIWARI
146	VIVEK
147	JANGVEER SINGH
148	KAILASH RAIKA
149	SHAURYA NAGPAL
150	VIKASH PURI
151	PRANAV LAXMAN DAUNDKAR
152	SETLEM LOKESH
153	SAILESH KUMAR DUBEY
154	YUVRAJ PADHY
155	ANIL SINGH TOMAR
156	ISHA RANA
157	BISHWAJIT DEY
158	KRISHNA MOHAN TRIPATHI
159	AARYAN THAKUR
160	ABHISHEK KUMAR
161	ADITYA KURMI
162	AKANSHA DHAMI
163	ANKIT GYANDEV MORE
164	ARNAV KSHETRI
165	AMIT KUMAR
166	ANIMESH CHATURVEDI
167	ANUPAM
168	ANURAG SINGH
169	ARYAN KUMAR SINGH
170	ASHFAN ALAM
171	CHANDAN SINGH
172	CHATURYA PALIVELA
173	DEEPAK YADAV
174	DUSHYANT KUNTAL
175	GUNNA ANUDEEP
176	HARSH BHADAURIA
177	HEMANT KUMAR
178	HEMANT KUMAR SINGH
179	HRITIK SINGH
180	JAYANT SINGH BHADAURIA
181	KARAN SINGH
182	KOSANA SRI SAI MAHEEDHAR
183	MAYANK
184	NIKITA MALIK
185	NIKITA PAL

186	NITHUL K
187	PANKAJ YADAV
188	PRANAY
189	PRATHMESH M SOLASKAR
190	PRAVENDRA SINGH
191	PRAVESH KUMAR
192	PREM MAITY
193	PRIYA
194	PRIYANSHU RAWAT
195	RAHUL MAWALIYA
196	RIJUL KUMAR
197	RITIK RANJAN
198	SAHIL ANNASO KAMATE
199	SANGAM KUMAR CHAUDHARY
200	SAURABH CHAUHAN
201	SAURABH PAL
202	SEEMALA INDU
203	SHASHWAT TIWARI
204	SHRASTI PANDEY
205	SHREYAS JOSHI
206	SONAM KUMARI
207	SRI SATYABRATTA KAR
208	SRIKAAR
209	SUMIT
210	SUMIT TANAJI SHINDE
211	SURENDER SINGH
212	VAISHNAVI SINGH
213	VIVEK KUMAR
214	ARYAN SHARMA
215	ARYAN GUPTA
216	MADHUR MOHIT
217	LAKHVINDER KUMAR
218	NITIN KUMAR
219	PANKAJ KUMAR GUPTA
220	TEJASWINI S KURADE
221	ABHISHEK KULHARI
222	AAKANSH AVASTHI
223	ANKIT KUMAR
224	AVINASH SINGH
225	AMANDEEP SINGH
226	ANKANA SARDAR
227	ANKIT KUMAR
228	ARYAN SINGH
229	GANGA
230	HIMANSHU
231	HITANSHU RANA
232	MAYANK MUDGAL

233	NEERAJ KUMAR KHANDAGRE
234	PARTHA SARATHI SENA
235	PALAK SINGH
236	PRASHANT KUMAR CHAUHAN
237	REEMA SINGH
238	RITIK KUMAR
239	RITIKA
240	RAHUL JASPAL
241	ROYAL HUSSAIN
242	RUTWEEK SOPAN PANSARE
243	SHIVAM KUMAR
244	KUMARI SONALI SINGH
245	SUMIT KUMAR BHATI
246	YUVRAJ SINGH
247	GURLEEN KOUR
248	RAJ VARDHAN SINGH
249	LIKITH KUMAR REDDY
250	V DINESH
251	VIKASH KUMAR
252	SIMRAN
253	VIKASH
254	VIVEK YADAV
255	WAIBHAV KUMAR
256	VINAY PRATAP GIRI
257	HEMANT YADAV
258	MAHENDRA KUMAR VISHNOI
259	TANUJA NEGI
260	ABHISHEK
261	KUTAGOLLA LALITH PAVAN
262	NIKHEEL KUMAR
263	SAHIL DWIVEDI
264	ALLAMRAJU ARUNKUMAR
265	SHIV RAM
266	KARAN DABAS
267	K SRIKUMAR AYYANAR
268	KEVIN VARGHESE
269	MOHAN SINGH
270	PIYUSH KUMAR
271	ROHIT SINGH TANWAR
272	REGU TANUJA
273	YASWANT SINGH
274	AMAN RAJ
275	ASHISH KUMAR
276	VIGNESH HARI B
277	B BHAVANI
278	PANKAJ RAI
279	POOJA YADAV

280	GAURAV SINGH
281	ARYAN KUMAR SHARMA
282	GOURAV KUMAR
283	SAINATH KASHINATH BELAGE
284	ABHAY SAHU
285	ABHISEAK BIJARANIYA
286	ABHISHEK KUMAR
287	ADITYA KUMAR
288	ADITYA TIWARI
289	AKHIL KUMAR JAISWAL
290	AMAN BULDAK
291	AMBATI MANEESHA
292	ANKIT KUMAR PANDEY
293	ARVIND SINGH RATHORE
294	ARYAN PRAVIN DABHOLKAR
295	AYUSH BHADORIA
296	DEVESH KUMAR TIWARI
297	DHIRESH
298	DIVAKAR KUMAR GUPTA
299	DURGESH PARIHAR
300	HIMANSHU RAI
301	LALIT CHAUDHARY
302	LOKENDRA SINGH
303	MOHIT MAAN
304	MOHIT KUMAR SINGH
305	MOHIT YADAV
306	MUKUND VASHISHT
307	NIRMAL KUMAR
308	PARIKSHIT
309	PRABHAT PANDEY
310	PRADEEP SINGH SHEKHAWAT
311	PRAVEEN KUMAR
312	PRINCE KUMAR
313	PRIYANSHU TIWARI
314	REWANT SINGH
315	RITIK KUMAR
316	SAURABH KUMAR
317	SHIVAM GIRI
318	SHIVANK SINGH
319	SHREEYA
320	SHUBHAM
321	SOUMYADIP ROY
322	SUBHAM KUMAR
323	SUMIT SONI
324	UTKARSH SINGH PARIHAR
325	VIKRAM RENIWAL
326	YOGESH KUMAR

327	KANU PRIYA
328	AJAY SINGH
329	ANKIT KUMAR SINGH
330	DEEPESH TIWARI
331	GAURAV DADWAL
332	JASKARAN SINGH
333	KAVYA CHAUHAN
334	SHUBHAM JAKHAR
335	TARUSH PANDEY
336	VANSH VATSAL
337	YASHVIR YADAV
338	ARUN KUMAR
339	ASHOK CHOUDHARY
340	VIVEK SINGH
341	SUMIT KUMAR BENIWAL
342	ANUSHNA PANWAR
343	DIVYA PRAKASH
344	PRAYAS POONIA

ARMY INSTITUTE OF TECHNOLOGY
Department of Applied Science & General Engineering

FE INDUCTION PROGRAM 2021-2022

Thursday 18th November 2021 - Coordinator Dr Ganesh Mundhe

Time	Activity	Medium of Online Instruction : Microsoft Teams	Resource Persons	Moderator
10:00 am – 11:30 am	Universal Human Values	FE All Classes	Mr Amol Phalke	<u>Mr Sachin Tanwade</u>
12:00pm – 1:30pm	Web Development	FE All Classes	OSS Club	<u>Mr Vitthal Hivrale</u>
BREAK				
2.30pm – 3.30pm	AIT Library / E Library	FE All Classes	Dr J D Patil	<u>Ms Anita Suryawanshi</u>

*Meeting organizer will submit student attendance and recording of each session to Coordinator & HOD once the session is over

ARMY INSTITUTE OF TECHNOLOGY
Department of Applied Science & General Engineering

FE INDUCTION PROGRAM 2021-2022

Friday 26th November 2021 - Coordinator Dr Ganesh Mundhe

Time	Activity	Medium of Online Instruction : Microsoft Teams	Resource Persons	Moderator
10:00 am – 11:00 am	Universal Human Values	FE All Classes	Mr Amol Phalke	<u>Mr Sachin Tanwade</u>
11:00am – 12:00pm	Game Development Club	FE All Classes	Game Development Club	<u>Mr Vitthal Hivrale</u>
BREAK				
2.00pm – 4.00pm	Web Development	FE All Classes	OSS Club	<u>Ms Anita Suryawanshi</u>

*Meeting organizer will submit student attendance and recording of each session to Coordinator & HOD once the session is over

ARMY INSTITUTE OF TECHNOLOGY
Department of Applied Science & General Engineering

FE INDUCTION PROGRAM 2021-2022

Wednesday 1st December 2021 - Coordinator Dr A K Singh

Time	Activity	Medium of Online Instruction : Microsoft Teams	Resource Persons	Moderator
10:00 am – 11:00 am	Universal Human Values	FE All Classes	Mr Amol Phalke	<u>Mr Sachin Tanwade</u>
11:00am – 12:00pm	SPPU Eligibility Form Filling	FE E&TC A, COMP A & MECH	Mr T. Diwakar	<u>Mr Vitthal Hivrale</u>
12:00pm – 1:00pm	SPPU Eligibility Form Filling	FE E&TC B, COMP B & IT	Mrs Manisha Taru	
BREAK				
2.00pm – 3.00pm	Android Study Jams: Introduction	FE All Classes	Google Developer Student Club	<u>Ms Anita Suryawanshi</u>
3.00pm – 4.00pm	Game Development	FE All Classes	Game Development Club	<u>Dr Shailesh Dhoke</u>

*Meeting organizer will submit student attendance and recording of each session to Coordinator & HOD once the session is over

List of FE Students attended

1	A AJAY PRAVEEN PRAVEEN
2	A PAWAN KISHORE
3	ABHISHEK KUMAR SHARMA
4	ADITI DIPAK MORE
5	AKASH KUMAR
6	AKRATI SINGH
7	AMAN VERMA
8	AMRIT LAKHLAN
9	ANKITA MISHRA
10	ANURAG KUMAR TIWARI
11	ARMAN MAAN
12	ATUL KUMAR
13	AYUSH KUMAR
14	DEEPAK KUMAR
15	GAURAV KUMAR
16	HARSH SINGH
17	HARSH KUMAR RAI
18	HRISHIKESH R
19	KAVIARASAN R
20	KULDEEP SINGH
21	MAYANK DIMRI
22	NITIN JHAJHARIA
23	PADI ARAVIND KUMAR
24	PIYUSH KUMAR
25	RAHUL SINGH
26	RAKESH
27	RISHABH GUPTA
28	SAKSHI SHARMA
29	SANJIT KUMAR
30	SANTRAM SINGH
31	SHANTANU
32	SHAURYA VARDHAN SINGH
33	UMANG SINGH
34	VAIBHAV SINGH
35	A AJAY KUMAR REDDY
36	ADITYA KUMAR
37	AMAN KUMAR
38	AMRENDRA PRATAP YADAV
39	ANMOL SINGH
40	BHAWANA DANU
41	HARSIT KUMAR
42	HIMANSHU UMRAO
43	KULDEEP SINGH YADAV
44	NAGENDER SINGH SHEKHAWAT

45	NISHANT KUMAR
46	RAKESH KUMAR PRADHAN
47	RIYA
48	RUDRANATH
49	SHIVAM SINGH
50	SHRISTY THAKUR
51	VANDANA KANDPAL
52	MANAS YADAV
53	NISHA YADAV
54	BIKRAM SINGH ADHIKARI
55	LOHITHA VAISHNAVI PADAKANDLA
56	KUMOD KUMAR
57	PORUMAMILLA SANTHOSH
58	FENSE N RAJU
59	G V SAI SISINDRA REDDY
60	GARIMA SINGH
61	HARSH KUMAR
62	JATIN YADAV
63	JITESH KUMAR RAGHAV
64	KANHAYA PANDEY
65	KARAN BIR SINGH
66	KIRTI SAHU
67	KUMARI LADLI
68	NIKITA KUMARI
69	OM PRAKASH SINGH
70	PRASHANT PATEL
71	RAHUL CHOUDHARY
72	RATAN SINGH
73	RAVINDER
74	ROHIT KUMAR SINGH
75	S B ABRISH AADITYA
76	SAGUN CHAUHAN
77	SHASHANK KUMAR
78	SHIVAM KUMAR
79	SHUBHAM KUMAR TIWARI
80	SOURAV NATH
81	SUJEET KUMAR GUPTA
82	PADALA SURAJ
83	TARUN SINGH
84	TUSHAR SHARMA
85	VIKAS SARAN
86	VIKASH KUMAR
87	GUDIA RANI
88	JYOTI YADAV
89	PRAVEENKUMAR S
90	SADY SAI KIRAN REDDY
91	SOURABH KUMAR

92	ADARSH KUMAR
93	AKHILESH GUPTA
94	HEMANT SINGH
95	ALLEN SABU
96	SURAJ KUMAR JHA
97	ABHISHEK CHAND
98	AAKASH SHARMA
99	AASHUTOSH SINGH RAWAT
100	ABDUL HUQ
101	AKASHDEEP SINGH
102	AMAN SIHAG
103	AMAN YADAV
104	AMLESH KUMAR
105	ANKIT PANDEY
106	ANKUSH
107	ANSHUMAN MOURYA
108	ARNAV SINGH
109	ARYAN DESWAL
110	ARYAN MISHRA
111	ASMITA TRIPATHI
112	AVADHESH YADAV
113	DEEPANSHU GHADWAL
114	DEEWAN SINGH
115	DHEERAJ KUMAR
116	DHRUV LOHAN
117	GAURAV SINGH CHAUHAN
118	GIRIRAJ SINGH
119	HARSH BISHT
120	HARSHAL PATIL
121	HIMAL KUMAR SINGH
122	KHUSHI SHAH
123	KIRAN KUMAR SAINI
124	NAZIR IQBAL
125	NITIN KUMAR
126	NITIN KUMAR
127	PAWAN SINGH
128	PEDDI REDDI SRI VIJAYAKIRAN
129	PRAFULLA SHUKLA
130	PRIKSHIT SHARMA
131	PULAK SASMAL
132	RISHURAJ
133	ROHIT KUMAR
134	RONAK KUMAR
135	SAMIR RAI
136	SHASHVAT KHAJURIA
137	SHUBHAM BALLAL
138	SONAM BAJPAI

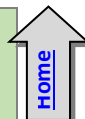
139	SUNIL CHAUDHARY
140	SURAJ KUMAR
141	SURAJ CHANDRAKANT JAGADALE
142	TEJASWI
143	UTKARSH
144	VARSHIT REDDY NAREDDY
145	VINAY TIWARI
146	VIVEK
147	JANGVEER SINGH
148	KAILASH RAIKA
149	SHAURYA NAGPAL
150	VIKASH PURI
151	PRANAV LAXMAN DAUNDKAR
152	SETLEM LOKESH
153	SAILESH KUMAR DUBEY
154	YUVRAJ PADHY
155	ANIL SINGH TOMAR
156	ISHA RANA
157	BISHWAJIT DEY
158	KRISHNA MOHAN TRIPATHI
159	AARYAN THAKUR
160	ABHISHEK KUMAR
161	ADITYA KURMI
162	AKANSHA DHAMI
163	ANKIT GYANDEV MORE
164	ARNAV KSHETRI
165	AMIT KUMAR
166	ANIMESH CHATURVEDI
167	ANUPAM
168	ANURAG SINGH
169	ARYAN KUMAR SINGH
170	ASHFAN ALAM
171	CHANDAN SINGH
172	CHATURYA PALIVELA
173	DEEPAK YADAV
174	DUSHYANT KUNTAL
175	GUNNA ANUDEEP
176	HARSH BHADAURIA
177	HEMANT KUMAR
178	HEMANT KUMAR SINGH
179	HRITIK SINGH
180	JAYANT SINGH BHADAURIA
181	KARAN SINGH
182	KOSANA SRI SAI MAHEEDHAR
183	MAYANK
184	NIKITA MALIK
185	NIKITA PAL

186	NITHUL K
187	PANKAJ YADAV
188	PRANAY
189	PRATHMESH M SOLASKAR
190	PRAVENDRA SINGH
191	PRAVESH KUMAR
192	PREM MAITY
193	PRIYA
194	PRIYANSHU RAWAT
195	RAHUL MAWALIYA
196	RIJUL KUMAR
197	RITIK RANJAN
198	SAHIL ANNASO KAMATE
199	SANGAM KUMAR CHAUDHARY
200	SAURABH CHAUHAN
201	SAURABH PAL
202	SEEMALA INDU
203	SHASHWAT TIWARI
204	SHRASTI PANDEY
205	SHREYAS JOSHI
206	SONAM KUMARI
207	SRI SATYABRATTA KAR
208	SRIKAAR
209	SUMIT
210	SUMIT TANAJI SHINDE
211	SURENDER SINGH
212	VAISHNAVI SINGH
213	VIVEK KUMAR
214	ARYAN SHARMA
215	ARYAN GUPTA
216	MADHUR MOHIT
217	LAKHVINDER KUMAR
218	NITIN KUMAR
219	PANKAJ KUMAR GUPTA
220	TEJASWINI S KURADE
221	ABHISHEK KULHARI
222	AAKANSH AVASTHI
223	ANKIT KUMAR
224	AVINASH SINGH
225	AMANDEEP SINGH
226	ANKANA SARDAR
227	ANKIT KUMAR
228	ARYAN SINGH
229	GANGA
230	HIMANSHU
231	HITANSHU RANA
232	MAYANK MUDGAL

233	NEERAJ KUMAR KHANDAGRE
234	PARTHA SARATHI SENA
235	PALAK SINGH
236	PRASHANT KUMAR CHAUHAN
237	REEMA SINGH
238	RITIK KUMAR
239	RITIKA
240	RAHUL JASPAL
241	ROYAL HUSSAIN
242	RUTWEEK SOPAN PANSARE
243	SHIVAM KUMAR
244	KUMARI SONALI SINGH
245	SUMIT KUMAR BHATI
246	YUVRAJ SINGH
247	GURLEEN KOUR
248	RAJ VARDHAN SINGH
249	LIKITH KUMAR REDDY
250	V DINESH
251	VIKASH KUMAR
252	SIMRAN
253	VIKASH
254	VIVEK YADAV
255	WAIBHAV KUMAR
256	VINAY PRATAP GIRI
257	HEMANT YADAV
258	MAHENDRA KUMAR VISHNOI
259	TANUJA NEGI
260	ABHISHEK
261	KUTAGOLLA LALITH PAVAN
262	NIKHEEL KUMAR
263	SAHIL DWIVEDI
264	ALLAMRAJU ARUNKUMAR
265	SHIV RAM
266	KARAN DABAS
267	K SRIKUMAR AYYANAR
268	KEVIN VARGHESE
269	MOHAN SINGH
270	PIYUSH KUMAR
271	ROHIT SINGH TANWAR
272	REGU TANUJA
273	YASWANT SINGH
274	AMAN RAJ
275	ASHISH KUMAR
276	VIGNESH HARI B
277	B BHAVANI
278	PANKAJ RAI
279	POOJA YADAV

280	GAURAV SINGH
281	ARYAN KUMAR SHARMA
282	GOURAV KUMAR
283	SAINATH KASHINATH BELAGE
284	ABHAY SAHU
285	ABHISEAK BIJARANIYA
286	ABHISHEK KUMAR
287	ADITYA KUMAR
288	ADITYA TIWARI
289	AKHIL KUMAR JAISWAL
290	AMAN BULDAK
291	AMBATI MANEESHA
292	ANKIT KUMAR PANDEY
293	ARVIND SINGH RATHORE
294	ARYAN PRAVIN DABHOLKAR
295	AYUSH BHADORIA
296	DEVESH KUMAR TIWARI
297	DHIRESH
298	DIVAKAR KUMAR GUPTA
299	DURGESH PARIHAR
300	HIMANSHU RAI
301	LALIT CHAUDHARY
302	LOKENDRA SINGH
303	MOHIT MAAN
304	MOHIT KUMAR SINGH
305	MOHIT YADAV
306	MUKUND VASHISHT
307	NIRMAL KUMAR
308	PARIKSHIT
309	PRABHAT PANDEY
310	PRADEEP SINGH SHEKHAWAT
311	PRAVEEN KUMAR
312	PRINCE KUMAR
313	PRIYANSHU TIWARI
314	REWANT SINGH
315	RITIK KUMAR
316	SAURABH KUMAR
317	SHIVAM GIRI
318	SHIVANK SINGH
319	SHREEYA
320	SHUBHAM
321	SOUMYADIP ROY
322	SUBHAM KUMAR
323	SUMIT SONI
324	UTKARSH SINGH PARIHAR
325	VIKRAM RENIWAL
326	YOGESH KUMAR

327	KANU PRIYA
328	AJAY SINGH
329	ANKIT KUMAR SINGH
330	DEEPESH TIWARI
331	GAURAV DADWAL
332	JASKARAN SINGH
333	KAVYA CHAUHAN
334	SHUBHAM JAKHAR
335	TARUSH PANDEY
336	VANSH VATSAL
337	YASHVIR YADAV
338	ARUN KUMAR
339	ASHOK CHOUDHARY
340	VIVEK SINGH
341	SUMIT KUMAR BENIWAL
342	ANUSHNA PANWAR
343	DIVYA PRAKASH
344	PRAYAS POONIA



Savitribai Phule Pune University
Second Year of Engineering (2019 Course)
210251: Audit Course 3

In addition to credits, it is recommended that there should be audit course, in preferably in each semester starting from second year in order to supplement students' knowledge and skills. Student will be awarded the bachelor's degree if he/she earns specified total credit [1] and clears all the audit courses specified in the curriculum. The student will be awarded grade as AP on successful completion of audit course. The student may opt for one of the audit courses per semester, starting in second year first semester. Though not mandatory, such a selection of the audit courses helps the learner to explore the subject of interest in greater detail resulting in achieving the very objective of audit course's inclusion. List of options offered is provided. Each student has to choose one audit course from the list per semester. Evaluation of audit course will be done at institute level itself. Method of conduction and method of assessment for audit courses are suggested.

Criteria:

The student registered for audit course shall be awarded the grade AP (Audit Course Pass) and shall be included such AP grade in the Semester grade report for that course, provided student has the minimum attendance as prescribed by the Savitribai Phule Pune University and satisfactory performance and secured a passing grade in that audit course. No grade points are associated with this 'AP' grade and performance in these courses is not accounted in the calculation of the performance indices SGPA and CGPA. Evaluation of audit course will be done at institute level itself [1]

Guidelines for Conduction and Assessment (Any one or more of following but not limited to):

- | | |
|---|---|
| <ul style="list-style-type: none"> • Lectures/ Guest Lectures • Visits (Social/Field) and reports • Demonstrations | <ul style="list-style-type: none"> • Surveys • Mini-Project • Hands on experience on focused topic |
|---|---|

Course Guidelines for Assessment (Any one or more of following but not limited to):

- Written Test
- Demonstrations/ Practical Test
- Presentations, IPR/Publication and Report

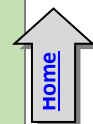
Audit Course 3 Options

Audit Course Code	Audit Course Title
AC3-I	Green Construction and Design
AC3-II	Social Awareness and Governance Program
AC3-III	Environmental Studies
AC3-IV	Smart Cities
AC3-V	Foreign Language (one of Japanese/Spanish/French/German). Course contents for Japanese(Module 1) are provided. For other languages institute may design suitably.

Note: It is permitted to opt one of the audit courses listed at SPPU website too, if not opted earlier.

<http://collegecirculars.unipune.ac.in/sites/documents/Syllabus%202017/Forms/AllItems.aspx>

http://www.unipune.ac.in/university_files/syllabi.htm



Savitribai Phule Pune University
Second Year of Engineering (2019 Course)
210260: Audit Course 4

In addition to credits, it is recommended that there should be audit course in preferably in each semester starting from second year in order to supplement student's knowledge and skills. Student will be awarded the bachelor's degree if he/she earns specified total credits [1] and clears all the audit courses specified in the syllabus. The student will be awarded grade as AP on successful completion of audit course. The student may opt for one of the audit courses per semester, starting in second year first semester. Though not mandatory, such a selection of the audit courses helps the learner to explore the subject of interest in greater detail resulting in achieving the very objective of audit course's inclusion. List of options offered is provided. Each student has to choose one audit course from the list per semester. Evaluation of audit course will be done at institute level itself. Method of conduction and method of assessment for audit courses are suggested.

Criteria:

The student registered for audit course shall be awarded the grade AP (Audit Course Pass) and shall be included such AP grade in the Semester grade report for that course, provided student has the minimum attendance as prescribed by the Savitribai Phule Pune University and satisfactory performance and secured a passing grade in that audit course. No grade points are associated with this 'AP' grade and performance in these courses is not accounted in the calculation of the performance indices SGPA and CGPA. Evaluation of audit course will be done at institute level itself. [1]

Guidelines for Conduction and Assessment (Any one or more of following but not limited to):

- | | |
|---|---|
| <ul style="list-style-type: none"> • Lectures/ Guest Lectures • Visits (Social/Field) and reports • Demonstrations | <ul style="list-style-type: none"> • Surveys • Mini-Project • Hands on experience on focused topic |
|---|---|

Course Guidelines for Assessment (Any one or more of following but not limited to):

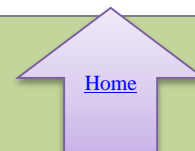
- Written Test
- Demonstrations/ Practical Test
- Presentations, IPR/Publication and Report

Audit Course 4 Options

Audit Course Code	Audit Course Title
AC4-I	Water Management
AC4-II	Intellectual Property Rights and Patents
AC4-III	The Science of Happiness
AC4-IV	Stress Relief: Yoga and Meditation
AC4-V	Foreign Language (one of Japanese/Spanish/French/German) Course contents for Japanese(Module 2) are provided. For other languages institute may design suitably.

Note: It is permitted to opt one of the audit courses listed at SPPU website too, if not opted earlier. [1]
<http://collegecirculars.unipune.ac.in/sites/documents/Syllabus%202017/Forms/AllItems.aspx>
http://www.unipune.ac.in/university_files/syllabi.htm

Savitribai Phule Pune University
Third Year of Engineering (2019 Course)
310259: Audit Course 6



In addition to credits, it is recommended that there should be audit course, in preferably in each semester starting from second year in order to supplement students' knowledge and skills. Student will be awarded the bachelor's degree if he/she earns specified total credit [1] and clears all the audit courses specified in the curriculum. The student will be awarded grade as AP on successful completion of audit course. The student may opt for one of the audit courses per semester, starting in second year first semester. Though not mandatory, such a selection of the audit courses helps the learner to explore the subject of interest in greater detail resulting in achieving the very objective of audit course's inclusion. List of options offered is provided. Each student has to choose one audit course from the list per semester. Evaluation of audit course will be done at institute level itself. Method of conduction and method of assessment for audit courses are suggested.

Criteria

The student registered for audit course shall be awarded the grade AP (Audit Course Pass) and shall be included such AP grade in the Semester grade report for that course, provided student has the minimum attendance as prescribed by the Savitribai Phule Pune University and satisfactory performance and secured a passing grade in that audit course. No grade points are associated with this 'AP' grade and performance in these courses is not accounted in the calculation of the performance indices SGPA and CGPA. Evaluation of audit course will be done at institute level itself [1]

Guidelines for Conduction and Assessment (Any one or more of following but not limited to):

- | | |
|---|---|
| <ul style="list-style-type: none"> • Lectures/ Guest Lectures • Visits (Social/Field) and reports • Demonstrations | <ul style="list-style-type: none"> • Surveys • Mini-Project • Hands on experience on focused topic |
|---|---|

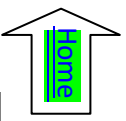
Course Guidelines for Assessment (Any one or more of following but not limited to):

- Written Test
- Demonstrations/ Practical Test
- Presentations, IPR/Publication and Report

Audit Course 6 Options

Audit Course Code	Audit Course Title
AC6-I	Digital and Social Media Marketing
AC6-II	Sustainable Energy Systems
AC6-III	Leadership and Personality Development
AC6-IV	Foreign Language (one of Japanese/Spanish/French/German). Course contents for Japanese (Module 4) are provided. For other languages institute may design suitably.
AC6-V	MOOC- Learn New Skills

Note: It is permitted to opt one of the audit courses listed at SPPU website too, if not opted earlier.
<http://collegecirculars.unipune.ac.in/sites/documents/Syllabus%202017/Forms/AllItems.aspx>
http://www.unipune.ac.in/university_files/syllabi.htm



Savitribai Phule Pune University
Fourth Year of Engineering (2019 Course)
410249: Audit Course 7

In addition to credits, it is recommended that there should be audit course, in preferably in each semester starting from second year in order to supplement students' knowledge and skills. Student will be awarded the bachelor's degree if he/she earns specified total credit [1] and clears all the audit courses specified in the curriculum. The student will be awarded grade as AP on successful completion of audit course. The student may opt for one of the audit courses per semester, starting in second year first semester. Though not mandatory, such a selection of the audit courses helps the learner to explore the subject of interest in greater detail resulting in achieving the very objective of audit course's inclusion. List of options offered is provided. Each student has to choose one audit course from the list per semester. Evaluation of audit course will be done at Institute level itself. Method of conduction and method of assessment for audit courses are suggested.

Criteria

The student registered for audit course shall be awarded the grade AP (Audit Course Pass) and shall be included such AP grade in the Semester grade report for that course, provided student has the minimum attendance as prescribed by the Savitribai Phule Pune University and satisfactory performance and secured a passing grade in that audit course. No grade points are associated with this 'AP' grade and performance in these courses is not accounted in the calculation of the performance indices SGPA and CGPA. Evaluation of audit course will be done at Institute level itself [1]

Guidelines for Conduction and Assessment (Any one or more of following but not limited to):

- | | |
|--|---|
| <ul style="list-style-type: none"> • Lectures/ Guest Lectures • Visits (Social/Field) and reports • Demonstrations or presentations | <ul style="list-style-type: none"> • Surveys • Mini-Project • Hands on experience on focused topic |
|--|---|

Course Guidelines for Assessment (Any one or more of following but not limited to):

- Written Test
- Demonstrations/ Practical Test
- Presentation or Report

Audit Course 5 Options

Audit Course Code	Audit Course Title
AC7-I	MOOC- Learn New Skills
AC7-II	Entrepreneurship Development
AC7-III	Botnet of Things
AC7-IV	3D Printing
AC7-V	Industrial Safety and Environment Consciousness

TABLE -1 First Engineering _Structure for Semester-I

Course Code	Course Name	Teaching Scheme (Hours/Week)			Examination Scheme and Marks						Credits			
		Theory	Practical	Tutorial	ISE	ESE	TW	PR	OR	Total	TH	PR	TUT	Total
107001	Engineering Mathematics-I	03	--	01	30	70	25	--	--	125	03	--	01	04
107002/ 107009	Engineering Physics / Engineering Chemistry	04	02	--	30	70	--	25	--	125	04	01	--	05
102003	Systems in Mechanical Engineering	03	02	--	30	70	--	25	--	125	03	01	--	04
103004 / 104010	Basic Electrical Engineering / Basic Electronics Engineering	03	02	--	30	70	--	25	--	125	03	01	--	04
110005/ 101011	Programming and Problem Solving / Engineering Mechanics	03	02	--	30	70	--	25	--	125	03	01	--	04
111006	Workshop [@]	--	02	--	--	--	--	25	--	25	--	01	--	01
Total		16	10	01	150	350	25	125	--	650	16	05	01	22
101007	Audit Course 1 ^{&}	02	Environmental Studies-I											

Induction Program : 2 weeks at the beginning of semester-I and 1 week at the beginning of semester-II

TABLE -2 First Engineering _Structure for Semester-II

Course Code	Course Name	Teaching Scheme (Hours/Week)			Examination Scheme and Marks						Credits			
		Theory	Practical	Tutorial	ISE	ESE	TW	PR	OR	Total	TH	PR	TUT	Total
107008	Engineering Mathematics-II	04	--	01	30	70	25	--	--	125	04	--	01	05
107002/ 107009	Engineering Physics/ Engineering Chemistry	04	02	--	30	70	--	25	--	125	04	01	--	05
103004 / 104010	Basic Electrical Engineering / Basic Electronics Engineering	03	02	--	30	70	--	25	--	125	03	01	--	04
110005/ 101011	Programming and Problem Solving / Engineering Mechanics	03	02	--	30	70	--	25	--	125	03	01	--	04
102012	Engineering Graphics ^Ω	01	02	01	--	50	25		--	75	01	01		02
110013	Project Based Learning [§]	--	04	--	--	--	25	50	--	75	--	02	--	02
Total		15	12	02	120	330	75	125	--	650	15	05	02	22
101014	Audit Course 2 ^{&}	02	Environmental Studies-II											
107015		--	Physical Education-Exercise and Field Activities											