

Date:20/06/18

To,
Prof. Ganesh K Shirsat
Asstt. Prof. In Elect. Dept.
Dr. V.V.P. COEA.

Dear Sir,

Received your letter regarding modification required in proposed subject Advanced Microcontroller & its.

Thank you for giving the inputs of Advanced Microcontroller & its subject. Definitely we will try to implement in upcoming syllabus revision. Meanwhile you can communicate with subject chairman Prof. P. P. Mahajan regarding modification required in the syllabus.

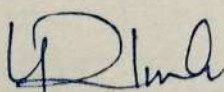
Thank you,

Yours Faithfully,



Dr. B. E. Kushare,
Member Board of Study(BOS)
Savitribai Phule Pune University,Pune




PRINCIPAL
Dr. Vithalrao Vikhe Patil
College of Engineering
Ahmednagar

Savitribai Phule Pune University
FACULTY OF ENGINEERING
T.E. Electrical Engineering (2015 Course)
(w.e.f. 2017-2018)

(w.e.f. 2017-2018)

SEMESTER-I													
Sr. No	Subject Code	Subject Title	Teaching Scheme			Examination Scheme					Total Marks	Credit	
			Th	Pr.	Tu.	PP		TW	PR	OR		TH/ TU	PR+OR
						In Sem	End Sem						
1	311121	<u>Industrial and Technology Management</u>	03	--	--	30	70	--	--	--	100	03	--
2	303141	<u>Advance Microcontroller and its Applications</u>	04	02	--	30	70	--	--	50	150	04	01
3	303142	<u>Electrical Machines II</u>	04	02	--	30	70	--	50	--	150	04	01
4	303143	<u>Power Electronics</u>	04	02	--	30	70	--	50	--	150	04	01
5	303144	<u>Electrical Installation, Maintenance and Testing</u>	03	02	--	30	70	50	--	--	150	03	01
6	303145	<u>Seminar and Technical Communication</u>	--	02	--	--	--	50	--	--	50	--	01
	303152	<u>Audit Course III</u>											
TOTAL			18	10	--	150	350	100	100	50	750	18	05

SEMESTER-II													
Sr. No.	Subject Code	Subject Title	Teaching Scheme			Examination Scheme					Total Marks	Credit	
			Th.	Pr.	Tu	PP		TW	PR	OR		TH/ TU	PR+OR
						In Sem	End Sem						
1.	303146	<u>Power System II</u>	04	02	--	30	70	--	50	--	150	04	01
2.	303147	<u>Control System I</u>	04	02	--	30	70	-	--	50	150	04	01
3.	303148	<u>Utilization of Electrical Energy</u>	03	--	--	30	70	--	--	--	100	03	--
4.	303149	<u>Design of Electrical Machines</u>	04	02	--	30	70	25	--	50	175	04	01
5.	303150	<u>Energy Audit and Management</u>	03	02	--	30	70	25	--	--	125	03	01
6.	303151	<u>Electrical Workshop</u>	--	02	--	--	--	50	--	--	50	--	01
	303153	<u>Audit Course IV</u>											
Total			18	10	--	150	350	100	50	100	750	18	05

Th: Theory lectures hours/week
Pr: Practical hours/week
Tu: Tutorial hours/week

TW: Term work
PR: Theory
OR: Oral
PP: Paper- In semester and End



(Signature)
Dr. Vinodrao Vikhe Patil
College of Engineering
Amhednagar

Savitribai Phule Pune University, Pune
Syllabus: Third Year (TE) Electrical Engineering (2019 course)
(w.e.f 2021-22)

SEMESTER-I

Course code	Course Name	Teaching Scheme				Examination Scheme						Credit				
		Th	Pr	Tu	SEM /PW /IN	ISE	ESE	TW	PR	OR	Total	Th	Pr	Tu	SEM /PW /IN	Total
303141	Industrial and Technology Management	3	0	0	0	30	70	0	0	0	100	3	0	0	0	3
303142	Power Electronics	3	4#	0	0	30	70	0	50	0	150	3	2	0	0	5
303143	Electrical Machines-II	3	2	0	0	30	70	25	25	0	150	3	1	0	0	4
303144	Electrical Installation Design and Condition Based Maintenance	3	4#	0	0	30	70	25	0	25	150	3	2	0	0	5
303145	Elective-I	3	0	0	0	30	70	0	0	0	100	3	0	0	0	3
303146	Seminar	0	0	0	1	0	0	50	0	0	50	0	0	0	1	1
303147	Audit course-V	2*	0	0	0	0	0	0	0	0	0	GRADE: PP/NP				0
Total		15	10	0	1	150	350	100	75	25	700	15	5	0	1	21

303145: Elective-I

303147 : Audit Course-V

303145A : Advanced Microcontroller and Embedded System

303147A : Energy storage systems

303145B : Digital Signal Processing

303147B : Start-up & Disruptive innovation

303145C : Open Elective

SEMESTER-II

Course code	Course Name	Teaching Scheme				Examination Scheme						Credit				
		Th	Pr	Tu	SEM /PW /IN	ISE	ESE	TW	PR	OR	Total	Th	Pr	Tu	SEM /PW /IN	Total
303148	Power System-II	3	2	1	0	30	70	25	50	0	175	3	1	1	0	5
303149	Computer Aided Design of Electrical Machines	3	4#	0	0	30	70	50	0	25	175	3	2	0	0	5
303150	Control System Engineering	3	2\$	1\$	0	30	70	25	0	25	150	3	1	0	0	4
303151	Elective-II	3	0	0	0	30	70	0	0	0	100	3	0	0	0	3
303152	Internship	0	0	0	4	0	0	100	0	0	100	0	0	0	4	4
303153	Audit Course VI	2*	0	0	0	0	0	0	0	0	0	GRADE: PP/NP				0
Total		12	8	2	4	120	280	200	50	50	700	12	4	1	4	21

303151: Elective-II

303153 : Audit Course-VI

303151A : IoT and its Applications in Electrical Engineering

303153A: Ethical Practices for Engineers

303151B : Electrical Mobility

303153B : Project Management

303151C: Cybernetic Engineering

303151D: Energy Management

#Practical consists of Part A & part B. PART A; Regular experiments & part B; to bridge the gap between theory & actual industrial practices. For subject 303144; there will be auto cad drawing on Electrical installation, Electrical wiring, cabling etc. For 303149, Part A, Regular drawing by hand & part B same drawing by AutoCAD.

\$ tutorial credit merged with Practical.

* Conduct over and above these lectures.



(Signature)
PRINCIPAL
 Dr. Vithalrao Vikhe Patil
 College of Engineering
 Ahmednagar

Date: 20/7/2018

To,

Dr. Manoj P. Wagh
Professor in Civil Engineering
Dr. Vithalrao Vikhe Patil
College of Engineering

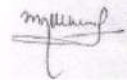
Dear Sir,

Received your letter regarding modification required in proposed subject Environmental Engineering -I.

Thank you for giving the inputs for the subject Environmental Engineering -I. definitely we will try to implement in upcoming syllabus revision. Meanwhile you can contact and send email to subject chairman Dr. M. V. Jadhav regarding modification required in the syllabus.

Thank you,

Your Faithfully



Dr. Pravin Dinkar Nemade
Member Board of Study (BOS)
Savitribai Phule Pune University, Pune




PRINCIPAL
Dr. Vithalrao Vikhe Patil
College of Engineering
Ahmदनगर

Savitribai Phule University of Pune
Third Year Civil Engineering
(2015 Course)

Semester I

Course Code	Course	Teaching Scheme hour/week			Semester Examination Scheme of marks						Credit	
		Theory	Tutorial	Practical	In-Sem	End-Sem	T W	OR	PR	Total	TH/TUT	PR/OR/TW
301001	Hydrology and water resource engineering.	03	--	02	30	70	--	50	--	150	03	01
301002	Infrastructure Engineering and Construction Techniques	03	--	--	30	70	--	--	--	100	04	--
301003	Structural Design-I	04	--	04	30	70	50	50	--	200	04	02
301004	Structural Analysis-II	04	--	--	30	70	--	--	--	100	03	--
301005	Fluid Mechanics-II	04	--	02	30	70	--	50	--	150	04	01
301006	Employability Skills development	--	--	02	--	--	50	--	--	50	--	01
Total		18	--	10	150	350	100	150		750	18	05




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 Dr. Vithalrao Vikhe Patil
 College of Engineering
 Ahmednagar

Savitribai Phule Pune University, Pune
TE (Civil Engineering) 2019 Pattern
(With effect from Academic Year 2021-22)

SEMESTER: V

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	TW	PR	OR	TUT	Total
301001	Hydrology and Water Resources Engineering	03	--	--	30	70	--	--	--	100	03	--	--	--	--	03
301002	Water Supply Engineering	03	--	--	30	70	--	--	--	100	03	--	--	--	--	03
301003	Design of Steel Structures	03	--	--	30	70	--	--	--	100	03	--	--	--	--	03
301004	Engineering Economics and Financial Management	03	--	--	30	70	--	--	--	100	03	--	--	--	--	03
301005	Elective I	03	--	--	30	70	--	--	--	100	03	--	--	--	--	03
301006	Seminar	--	--	01	--	--	50	--	--	50	--	--	--	--	01	01
301007	Hydrology and Water Resources Engineering Lab	--	02	--	--	--	25	--	--	25	--	01	--	--	--	01
301008	Water Supply Engineering Lab	--	02	--	--	--	--	50	--	50	--	--	01	--	--	01
301009	Design of Steel Structures Lab	--	04	--	--	--	--	--	50	50	--	--	--	02	--	02
301010	Elective I Lab	--	02	--	--	--	25	--	--	25	--	01	--	--	--	01
301011	Audit Course I: Professional Ethics and Etiquettes/ Sustainable Energy Systems	--	--	01	--	GR	--	--	--	GR	--	--	--	--	--	--
Total		15	10	02	150	350	100	50	50	700	15	02	01	02	01	21

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

Elective I: 301005

S N	Course Code	Course Name
01	301005 a	Advanced Fluid Mechanics and Hydraulic Machines
02	301005 b	Research Methodology and IPR
03	301005 c	Construction Management
04	301005 d	Advanced Concrete Technology
05	301005 e	Matrix Methods of Structural Analysis
06	301005 f	Advanced Mechanics of Structures

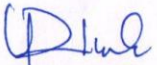


Dr. V. Patil
PRINCIPAL
 Dr. Vithalrao Vikhe Patil
 College of Engineering
 Ahmednagar

Semester II

Course Code	Course	Teaching Scheme hour/week			Semester Examination Scheme of marks						Credit	
		Theory	Tutorial	Practical	In-Sem	End-Sem	T W	OR	PR	Total	TH/TUT	PR/OR/TW
301007	Advanced Surveying	03	--	02	30	70	50	--	--	150	03	01
301008	Project Management and Engineering Economics	04	--	--	30	70	--	--	--	100	04	--
301009	Foundation Engineering	03	--	--	30	70	--	--	--	100	03	--
301010	Structural Design-II	04	--	04	30	70	50	50	--	200	04	02
301011	Environmental Engineering-I	04	--	02	30	70	--	--	50	150	04	01
301012	Seminar	--	--	01	--	--	--	50	--	50	--	01
Total		18	--	09	150	350	100	100	50	750	18	05




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SEMESTER-VI																
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	TW	PR	OR	TUT	Total
301012	Waste Water Engineering	03	--	--	30	70	--	--	--	100	03	--	--	--	--	03
301013	Design of RC Structures	03	--	--	30	70	--	--	--	100	03	--	--	--	--	03
301014	Remote Sensing and GIS	03	--	--	30	70	--	--	--	100	03	--	--	--	--	03
301015	Elective II	03	--	--	30	70	--	--	--	100	03	--	--	--	--	03
301016	Internship	--	--	--	--	--	100	--	--	100	--	04	--	--	--	04
301017	Waste Water Engineering Lab	--	02	--	--	--	--	--	50	50	--	--	--	01	--	01
301018	Design of RC Structures Lab	--	04	--	--	--	--	--	50	50	--	--	--	02	--	02
301019	Remote Sensing and GIS Lab	--	02	--	--	--	50	--	--	50	--	01	--	--	--	01
301020	Elective II Lab	--	02	--	--	--	50	--	--	50	--	01	--	--	--	01
301021	Audit Course II: Leadership and Personality Development/ Industrial Safety	--	--	01	--	GR	--	--	--	GR	--	--	--	--	--	--
Total		12	10	01	120	280	200	--	100	700	12	06	--	03	--	21
Abbreviations: TH : Theory, TW: Term Work, PR : Practical, OR: Oral and TUT : Tutorial, GR: Grade																

Elective II: 301015

S N	Course Code	Course Name
01	301015 a	Advanced Engineering Geology with Rock Mechanics
02	301015 b	Soft Computing Techniques
03	301015 c	Advanced Surveying
04	301015 d	Advanced Geotechnical Engineering
05	301015 e	Architecture and Town Planning
06	301015 f	Solid Waste Management




 PRINCIPAL
 Dr. Vithalrao Vikhe Patil
 College of Engineering
 Ahmednagar

Date: 27/12/2018

To,
Prof. Avinash A. Pund
Asstt. Prof. in IT Dept.
Dr. V.V.P. COEA.

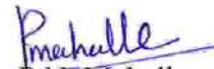
Dear Sir,

Received your letter regarding modification required in proposed subject Database management System.

Thank you for giving the inputs of DBMS subject. Definitely we will try to implement in upcoming syllabus revision. Meanwhile you can communicate with subject chairman Prof. Niraja Jain regarding modification required in the syllabus.

Thank you,

Yours Faithfully,



Dr. P.N. Mahalle
SKNCOE Pune
BOS-JT Member
Savitribai Phule Pune University,
Pune- 411007



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College of Engineering
Ahmednagar