



NUTAN MAHARASHTRA INSTITUTE OF ENGINEERING AND TECHNOLOGY



Under Administrative Support - Pimpri Chinchwad Education Trust

Approved by AICTE

Accredited by NAAC

Affiliated to SPPU

Department of First Year Engineering ACTION TAKEN REPORT ACADEMIC YEAR 2023-24

- Suggestion Faculty from the Department of First Year Engineering have made suggestions for reorganizing the course to improve student creativity, empathy, collaboration, problem-solving ability. Therefore, a new course should be come up for understanding to solve complex problems from a human perspective.
- Action Taken by University Board of Study
 The course Design Thinking and Idea Lab (VSE-102) is part of the First Year Engineering Syllabus for the Academic Year 2024–2025. It enhances students' capacity to solve complicated problems by looking at them from a human perspective.

		Lev	el 4	5												
			Teaching Scheme (Hrs/week)				Examination Scheme and Marks						Credits			
Course Course Code Type		Course Name		Tutorial	Practical	CCE*	End-Sem	Term work	Practical	Oral	Theory	Tutorial	Practical	Total		
		Seme	esi	ter	I											
BSC-101-BES	Basic Science Course	Engineering Mathematics- I	3	1	T	30	70	25	1.	Τ.	3	1		4		
BSC-102-BES/ BSC-103-BES	Basic Science Course	Engineering Physics / Engineering Chemistry			2	30	70	25		-	3		1	4		
ESC-101-ETC ESC-102-ELE	Engineering Science Course	Basic Electronics			2	30	70	25			2		1	3		
ESC-103-MEC/ ESC-104-CVL	Engineering Science Course	Engineering Graphics /			2	30	70	25			2		1	3		
ESC-105-COM	Engineering Science Course	Fundamentals of Programming Languages	2		2	30	70	25			2		1	3		
VSE-101/ VSE-102	Vocational and Skill Enhancement Course	Manufacturing Practice Workshop Design Thinking and Idea Lab			2			25					1	1		
AEC-101	Ability Enhancement Course	Professional Communication Skills		2		-		25				2		2		
CCC-101	Co-Curricular Courses	Co-Curricular Course-I			4			25			-		2	2		
Total			12	03	14	150	350	200			12	03	07	22		

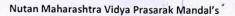
CCE*: Comprehensive Continuous Evaluation

Talegaon Dabhade 410507 & ASOIOUUCAN

Principal

Nutan Maharashtra Institute

"Samarth Vidya Sankul" Vishno Magaon Dabhade, 410507





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Department of First Year Engineering ACTION TAKEN REPORT ACADEMIC YEAR 2023-24

 Suggestion - Faculty from the Department of First Year Engineering have made suggestions for reorganizing the course to improve students' understanding of basic programming concepts. Therefore, a new course for understanding basic programming should be introduced in place of Programming and Problem Solving (110005).

TABLE -1 First Engineering Structure for Semester-I

Code	Course Name		Schei urs/V			Exan	inati N	on Sc Marks	heme	and		C	redits	
		Theory	Practical	Futorial	SE	ESE	N	ä	¥.	otal	ĪΞ	×	E	Fotal
107001	Engineering Mathematics-I	03	-	01	30	70	25	-		125	1		01	7 3 3
107002/ 107009	Engineering Physics / Engineering Chemistry	04	02		30	70		25		125	04	01		05
102003	Systems in Mechanical Engineering	03	02	40	30	70	-	25	-	125	03	01	-	04
103004 /	Basic Electrical	-	-	-		-		1						
104010	Engineering / Basic Electronics Engineering	0.3	02	-	30	70	-	25		125	03	01	-	04
110005/	Programming and	-									-	-	-	+
101011	Problem Solving / Engineering Mechanics	03	02		30	70	-	25	-	125	03	01	-	04
111006	Workshop*		02		_			25	1	25	-	01	1-	01
	Total	16	10	01	150	350	25	125		-	-	-	-	-
101007	Audit Course 1*	02	1.00	10.2	1.50					650	16	05	01	22
Indicati		1					Envir	ronme	ntal S	tudies	-1			
induction	on Program : 2 weeks a	t the b	regine	nima o	Fran	- makes					4			-
			**	mig 0	1 SCH	icsici-	-1 and	1 Wei	ck at	the be	ginnin	ig of	seme	ster-II
	TABLE -	2 Firs	st En	gineer	ring	Stru	cture	for S	emes	ter-II	ginnir	ig of	seme	ster-II
Course Code	TABLE -	2 Firs	eachin	gineer ng ie	ring_	Stru	cture	for S	emes	ter-II	ginnu		edits	ster-II
Course	TABLE -	Te S (Hou	eachi	gineer ng ie	ring_	Stru	cture	for S	emes	ter-II	ginnir E		edits	
Course Code	Course Name	2 Firs	eaching chemics/W	gineer ng ie 'eek)	ring_	Stru	eture nation M:	for S Sche arks	emes eme	end	Ħ	€ Cr	E	Total
Course Code	Course Name Engineering Mathematics-II	2 First To S (Hour Coar)	chem chem urs/W	gineer ng ie 'eek)	ES 3S	Stru	eture nation M:	for S Sche arks	emes eme	ter-II		Cro	edits	
Course Code 107008	Course Name Engineering Mathematics-II Engineering Physics/	Tiest (Hou	chem chem urs/W	gineer ng ie 'cek)	ES 3S	Stru	eture nation M:	for S Sche arks	emes eme	and To L	E 04	€ -	edits	OS Lotal
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Course Code 107008 07002/ 107009 03004 / 104010	Engineering Mathematics-II Engineering Physics/ Engineering Chemistry Basic Electrical Engineering / Basic Electronics Engineering	2 First To S (Hour Coar)	Lacing Chemits/W	gineer ng te cek)	E. 3SI	Stru Xamir 70	eture mation M:	for S a Sche arks	emes eme	and To L	E 04	€ -	edits	OS Lotal
Course Code 107008 07002/ 07009 03004 / 04010 10005/ 10111	Engineering Mathematics-II Engineering Physics/ Engineering Chemistry Basic Electrical Engineering / Basic Electronics Engineering Programming and Problem Solving /	2 First To S (Hou 64 04	St Engeaching chemins/W	gineering ie cek) Titotin O1	E: 30 30 30	Stru Vamin 70	eture mation M: M:	for S a Sche arks 25	emes eme	125 125	E 04	€ 01	edits 01	05 05
Course Code 107008 07002/ 107009 03004 / 104010 10005/ 101011	Engineering Mathematics-II Engineering Physics/ Engineering Chemistry Basic Electrical Engineering / Basic Electronics Engineering Programming and Problem Solving / Engineering Mechanics	2 First To S (Hour Cont) 04 04 03 03	oz 02	gineering ie eek) given iii iii iii iii iii iii iii iii iii i	30 30 30 30 30	70 70	25	# Schearks # # 25	emes eme	125 125 125 125	04 04 03	Cre 2 01 01 01	01 	05 05 04 04
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Course Code 107008 07002/ 107009 03004 / 104010 10005/ 101011 10013 1	Engineering Mathematics-II Engineering Physics/ Engineering Chemistry Basic Electrical Engineering / Basic Electronics Engineering Programming and Problem Solving / Engineering Mechanics Engineering Graphics ¹² Project Based Learning ⁸	2 First S (Hour Co) 1	02 02 04	01 01 01 02 1	30 30 30 120	70 70 70 70 70 70	25 - 25 75	### 1 Sche arks ### 25	a a a a a a a a a a a a a a a a a a a	125 125 125 125 125	04 04 03 03 01 	Cro 2 01 01 01 02 05	01 02	05 05 04 04 04



Principal
Nutan Maharashtra Institute
& Technology

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Action Taken by University Board of Study
 In Academic Year 2024-25 the First Year Engineering Syllabus includes the course
 Fundamentals of Programming Languages. (ESC-105-COM) that improves understanding of
 fundamental programming concepts.

		Leve	d 4.	5											
			Teaching Scheme (Hrs/week)				Examination Scheme and Marks					Credits			
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		Semo	est	er	I										
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AEC-101	Ability Enhancement Course	Professional Communication Skills		2	-			25				2	-	2	
CCC-101	Co-Curricular Courses	Co-Curricular Course-1			4			25					2	2	
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