

Avinashilingam Institute for Home Science and Higher Education for Women
Coimbatore – 641043
School of Engineering
Conceptual Framework of Curriculum (Model VII)
UG Programmes – BE Degree
For the students admitted from 2018-2019 & onwards

S.No	Semester	Course/Components	Periods of instruction/ week/ Course	No. of Courses	Credit/ Course	Total Credits		
I	1-5	Part-I Humanities and Social Sciences(HS) (Humanities, Social Sciences and Management) <ul style="list-style-type: none"> • Theory • Theory + Practical 	3/4	1/2/3	2/3	5-10		
			4/5	2	2/3			
II	1-4	Part-II Basic Sciences (BS)					28-30	
		<ul style="list-style-type: none"> • Theory • Practical 	3-5	4-7	3/4			
			4/5	2-4	4			
<ul style="list-style-type: none"> • Theory + Practical 								
III	1-4	Part-III Core Courses					15-31	
		a) Engineering Sciences (ES)						
		<ul style="list-style-type: none"> • Theory • Practical 	2-5	1/2/4/6/9	3			
	4/5		2/3	3/4				
	b) Professional Core (PC)							
	3-8	<ul style="list-style-type: none"> • Theory • Practical 	3-5	11-24	2-4	53-83		
			4/5	1-3	3/4			
	<ul style="list-style-type: none"> • Theory + Practical 							
	5/6	c) Self Study Course		1	1	3		3
	7	d) Computer Based Test (CBT)		-	1	2		2
	7	e) Project Work I		4	1	2		12
	8	f) Project Work II & Dissertation		20	1	10		
	End of 4/6	g) Industrial Training		-	1	2		2
End of 6	h) Mini Project		-	1	2	2		
5-8	Part-III Professional Electives (PE)					24		
	a. PE1/PE2							
7&8	<ul style="list-style-type: none"> • Theory 			4	8	3		
				3	2 & 1	3	9	
*One course by MOOC from SWAYAM (NPTEL) as Non-Credit Mandatory Course (NCMC)								
Total (Part I+II+III)						175		