



Date: 15-03-2021

## Change Summary Document

### Energy Systems Engineering PG Program

Change summary between 2015-16 and 2016-17 admitted batches  
(i.e. 2015 to 17 batch 2016 to 18 batch)

Semester	Course Name	Total Hours	Revision Hrs	% Change	Year of Implementation
I		Nil			
II	Research Methodology	40	40	100	2016-17
III		Nil			
IV		Nil			
		Total			

**Note: Out of 21 courses 1 course is newly introduced.**

Evidence enclosed:

**Schemes of 2015-17 batch and 2016-18 batch with changes shown in different colour**

  
Signature of HoS/HoD

  
REGISTRAR  
KLE Technological University  
HUBBALLI-580 031



## Change Summary Document

### Energy Systems Engineering PG Program

Change summary between 2016-17 and 2017-18 admitted batches  
(i.e. 2016 to 18 batch 2017 to 19 batch)

Semester	Course Name	Total Hours	Revision Hrs	% Change	Year of Implementation
I	Sustainable Building Design	50	50	100	2017-18
	Instrumentation and Control in Energy Systems	50	50		
	Mini Project - I	72	72		
II	Demand Side Management	50	50		
	Mini Project - II	72	72		
III	Economics and Planning of Energy Conversion	50	50		
	Conventional Energy Conversion	50	50		
IV	Nil				
		Total			

**Note: Out of 20 courses 7 courses are newly introduced.**

Evidence enclosed:

**Schemes of 2016-18 batch and 2017-19 batch with changes shown in different colour**

  
**REGISTRAR**  
KLE Technological University  
HUBBALLI-580 031

  
**Signature of HoS/HoD**



## Change Summary Document

### Energy Systems Engineering PG Program

Change summary between 2017-18 and 2018-19 admitted batches  
(i.e. 2017 to 19 batch 2018 to 20 batch)

Semester	Course Name	Total Hours	Revision Hrs	% Change	Year of Implementation
I	Energy Systems Lab	48	48	100	2018-19
	Industrial Instrumentation and control Lab	48	48		
II	Modelling and Simulation Lab	48	48		
	IoT based Living space Lab	48	48		
III	Energy Audit Practices	50	50		
IV	Nil				
	Total				

**Note: Out of 21 courses 5 courses are newly introduced.**

**Evidence enclosed:**

**Schemes of 2017-19 batch and 2018-20 batch with changes shown in different colour**

  
Signature of HoS/HoD

  
REGISTRAR  
KLE Technological University  
HUBBALLI-580 031



## Change Summary Document

### Energy Systems Engineering PG Program

Change summary between 2018-19 and 2019-20 admitted batches  
(i.e. 2018 to 20 batch 2019 to 21 batch)

Semester	Course Name	Total Hours	Revision Hrs	% Change	Year of Implementation
I	Computational Methods in Engineering Analysis	40	40	100	2019-20
II	Economics and Planning of Energy conversion	50	50		
III	NIL				
IV	Nil				
		Total			

**Note: Out of 19 courses 2 courses are newly introduced.**

Evidence enclosed:

**Schemes of 2018-20 batch and 2019-21 batch with changes shown in different colour**

**Signature of HoS/HoD**

**REGISTRAR**  
KLE Technological University  
HUBBALLI-580 031