

S.D.M. College of Engineering and Technology, Dharwad
Graduate Program Scheme of I and II year considering NEP-2020

I semester B. E. (Common to all Branches) Physics cycle

Course Code	*Course Category	Course Title	Teaching		Examination				
			L-T-P (Hrs/Week)	Credits	CIE	Theory (SEE)		Practical (SEE)	
					Max. Marks	**Max. Marks	Duration in Hrs.	Max. Marks	Duration In Hrs.
21UMAC100	BS	Engineering Mathematics-I	2 - 2 - 0	3	50	100	3	-	-
21UPHC100	BS	Engineering Physics	3 - 0 - 0	3	50	100	3	-	-
21UEEC100	ES	Basic Electrical Engineering	3 - 0 - 0	3	50	100	3	-	-
21UCVC100	ES	Elements of Civil Engineering and Mechanics	3 - 0 - 0	3	50	100	3	-	-
21UMEC100	ES	Elements of Mechanical Engineering	2 - 0 - 0	2	50	50	2	-	-
21UHUC100	HU	Functional English	1 - 2 - 0	2	50	50	2	-	-
21UPHL100	BS	Engineering Physics Lab	0 - 0 - 2	1	50	-	-	50	2
21UESL100	ES	Basic Engineering Skills Lab	0 - 0 - 2	1	50	-	-	50	2
21UAEE1XX	AE	Ability Enhancement Course	2- 0- 0	2	50	50	2	-	-
Total			16 - 4 - 4	20	450	550		100	

- * BS- Basic science ES- Engineering Science HU- Humanities, languages and Management AE- Ability enhancement course
- ** Semester End Examination conducted for 100 marks will be reduced to 50 marks

Scheme 2021 under NEP

I semester B. E. (Common to all Branches) Chemistry cycle

Course Code	*Course Category#	Course Title	Teaching		Examination				
			L-T-P (Hrs/Week)	Credits	CIE	Theory (SEE)		Practical (SEE)	
					Max. Marks	**Max. Marks	Duration in Hrs.	Max. Marks	Duration In Hrs.
21UMAC100	BS	Engineering Mathematics – I	2-2-0	3	50	100	3	-	-
21UCYC100	BS	Engineering Chemistry	3-0-0	3	50	100	3	-	-
21UECC100	ES	Basic Electronics	3-0-0	3	50	100	3	-	-
21UCSC100	ES	Problem Solving & Programming in C	3-0-0	3	50	100	3	-	-
21UMGC100	ES	Engineering Graphics	2-0-0	2	50	50	2	-	-
21UCYL100	BS	Engineering Chemistry Lab	0-0-2	1	50	-	-	50	2
21UCSL100	ES	Computer Programming Lab	0-0-2	1	50	-	-	50	2
21UAEE1XX	AE	Ability Enhancement Course	2-0-0	2	50	50	2	-	-
21UHUC101	HU	Society, Environment and Engineering	2 -0-0	2	50	50	2	-	-
Total			17 - 2 -4	20	450	550		100	

* BS- Basic science ES- Engineering Science HU- Humanities, languages and Management AE- Ability enhancement course

** Semester End Examination conducted for 100 marks will be reduced to 50 marks

Scheme 2021 under NEP

Scheme for III Semester Chemical Engineering

Course Code	Course category	Course Title	Teaching		Examination				
			L-T-P (Hrs/Week)	Course Credit	CIE	Theory (SEE)		Practical (SEE)	
					Max Marks	Max Marks	Duration in Hrs	Max Marks	Duration in Hrs
21UMAC300	BS	Engineering Mathematics-III	2 - 2 - 0	3	50	100	3	-	-
21UCHC300	PC	Process Calculations	2 - 2 - 0	3	50	100	3	-	-
21UCHC301	PC	Fluid Mechanics	2 - 2 - 0	3	50	100	3	-	-
21UCHC302	PC	Particulate Technology	3 - 0 - 0	3	50	100	3	-	-
21UCHC303	PC	Chemical Engineering Drawing	2 - 0 - 2	3	50	100	3	--	--
21UAEE3XX	AE	Ability Enhancement Course	2 - 0 - 0	2	50	50	2	--	--
21UHUC300	HU	Universal Human Values-I	2 - 0 - 0	2	50	50	2	--	--
21UCHL304	PC	Fluid Mechanics Laboratory	0 - 0 - 3	1.5	50	--	--	50	3
21UCHL305	PC	Particulate Technology Laboratory	0 - 0 - 3	1.5	50	--	--	50	3
21UHUA300	HU	The Constitution of India and Professional Ethics	2 - 0 - 0	Audit	50	--	--	--	--
21UMBA301	BS	Engineering Mathematics	3 - 0 - 0	Audit	50				
Total			20 - 6 - 8	22	550	600	19	100	6
Ability Enhancement Course									
21UAEE330	AE	Principles in Chemical Engineering-I	2 - 0 - 0	2	50	50	2	-	-

CIE: Continuous Internal Evaluation **SEE:** Semester End Examination **L:** Lecture **T:** Tutorials **P:** Practical *SEE for theory courses is conducted for 100 marks and reduced to 50 marks

Scheme 2021 under NEP

Scheme for IV Semester Chemical Engineering

Course Code	Course Category	Course Title	Teaching		Examination				
			L-T-P (Hrs/Week)	Course Credit	CIE	Theory (SEE)		Practical (SEE)	
					Max Marks	Max Marks	Duration in Hrs	Max Marks	Duration in Hrs
21UMAC400	BS	Engineering Mathematics-IV	2 - 2 - 0	3	50	100	3	-	-
21UCHC400	PC	Process Heat Transfer	3 - 0 - 0	3	50	100	3	-	-
21UCHC401	PC	Chemical Reaction Engineering-I	2 - 2 - 0	3	50	100	3	-	-
21UCHC402	PC	Chemical Engineering Thermodynamics	2 - 2 - 0	3	50	100	3	-	-
21UCHC403	PC	Pollution Control Engineering	3 - 0 - 0	3	50	100	3	--	--
21UHUC401	HU	Kannada	2 - 0 - 0	1	50	50	2	--	--
21UHUC402	HU	Universal Human Values-II	2 - 0 - 0	2	50	50	2	--	--
21UCHL404	PC	Heat Transfer Laboratory	0 - 0 - 3	1.5	50	--	--	50	3
21UCHL405	PC	Environmental Engineering and Analysis Laboratory	0 - 0 - 3	1.5	50	--	--	50	3
21UCHL406	PC	Introductory Project	0 - 0 - 2	1	50	--	--	--	--
21UMBA401	BS	Engineering Mathematics	3 - 0 - 0	Audit	50				
Total			19 - 6 - 8	22	550	600	19	100	6

CIE: Continuous Internal Evaluation
Lecture

T: Tutorials

SEE: Semester End Examination

P: Practical

Total credits offered for the Second year: 44

*SEE for theory courses is conducted for 100 marks and reduced to 50 marks.



H.O.D.

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