SDM College OF Engineering & Technology

Dharwad-580002

Department Of Information Science & Engineering

FIRST-THIRD SEMESTER SCHEME

Academic Year: 2022-23

HOD-ISE

Prof. & Head
DEPT. OF INFORMATION SCIENCE & ENGINEERING
SDM College of Engineering & Technology,
Dhavalagiri DHARWAD-580 002

Academic Year: 2022-23

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

- **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

Multi exit Multi entry: The provision is made at SDMCET as detailed below. It is learnt in the Principal's meeting convened by VTU in Hassan, that multi entry multi exit will not be implemented from this academic year 2021-22. However, at SDMCET the proposal is ready and shall come in force only after receiving instructions from VTU.

Exit option after 1st year of study:

- **Exit Clause:** The students willing to exit after 1st year need to register. The registered students shall undergo 100 hours (3 weeks) rigorous finishing school in their branch related module or module of their interest. A certificate shall be issued after the successful completion of the finishing school.

Finishing school module: E&E: Two modules are prepared as follows**:**

1. **Solar Power Operator Module: Participating Departments (Electrical & Electronics Engg., Mechanical Engineering, Civil Engineering)**
   Syllabi and training details (Annexure-1)
2. **Welder Module: Participating Departments (Mechanical Engineering and Electrical & Electronics Engg.,)**
   Syllabi and training details (Annexure-2)
   Few more modules shall be proposed by the other departments in due course of time.
- **Students can select Finishing school** in their branch related module (if offered by all the departments) or module of their interest.
- **Expectation:** The finishing school shall impart skills to operate at root level and will make the students to fetch a job
- **Modalities:**

- Each department will develop a module duly approved by the respective DUGC.
- In house expertise viz faculty, foreman, instructors, skilled staff involve to train the students in the finishing school.
- **The rigor of study:**
- Introduction to simple concepts of basic sciences and engineering courses with suitable mathematical treatment.
- The contents of the syllabi shall be focused on the skills.

III Semester Scheme

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.
21UISM300	BS	Engineering Mathematics-III	2 - 2 - 0	3	50	100	3	-	-
21UISC300	PC	Data Structures	3 - 0 - 0	3	50	100	3	-	-
21UISC301	PC	Digital Circuits and Computer Organization	3 - 0 - 0	3	50	100	3	-	-
21UISC302	PC	Unix with shell programming	2 - 0 - 2	3	50	100	3	-	-
21UISC303	PC	Finite Automata and Formal Languages	3 - 0 - 0	3	50	100	3	-	-
21UAEE306	AE	Financial Markets	2 - 0 - 0	2	50	50	2	-	-
21UHUC300	HU	Universal Human Values - I	2 - 0 - 0	2	50	50	2	-	-
21UISL304	PC	Data Structures Lab	0 - 0 - 3	1.5	50	--	-	50	3
21UISL305	PC	Digital Circuits Lab	0 - 0 - 3	1.5	50	-	-	50	3
21UHUC301	***HU	Kannada	2 - 0 - 0	1	50	50	2	-	-
21UMBA301	****BS	Mathematics	3 - 0 - 0	Audit	50	-	-	-	-
		Total	**24 - 2 - 8**	**23**	**550**	**650**		**100**	

* BS- Basic science ES- Engineering Science HU- Humanities, languages and Management   AE- Ability enhancement course PC- * BS- Basic
  science ES- Engineering Science HU- Humanities, languages and Management   AE- Ability enhancement course PC- Program core
** Semester End Examination conducted for 100 marks will be reduced to 50 marks
*** Students of all branches will be divided into 2 groups, and each group will take either CIPE or Kannada in 3rd and 4th semester respectively.
**** Bridge course on Mathematics for Lateral entry students.
21UAEE3 - X : "– " is the number assigned to the department. 1- CV, 2-CSE, 3-CH, 4-EE, 5-EC, 6-ISE and 7-ME (Assuming departments offer
different Ability Enhancement course for their students).