

Course Outcomes

B.TECH.1STSEM

Communication Skills in English (HSE-101)

Course Outcome (CO)	Details of Course Outcomes
(CO1)	To be focus on the four integral skills of language, improving the proficiency levels in all of them and to learn to use language as a tool for effective communication.
(CO2)	To understanding of the learners in all genres of literature (short stories, poetry, autobiographies.) with the help of expository pieces.
(CO3)	To learn with the ability to express oneself and be understood by others with clarity and precision, in both written and spoken forms.
(CO4)	Creative use of language through translation, paraphrasing and paragraph writing
(CO5)	To build confidence and encourage the students to use a standard spoken form of English in order to prepare them to face job interviews, workplace and in higher studies.

Mathematics-I (BSM-101)

Course Outcome (CO)	Details of Course Outcomes
(CO1)	To develop logical understanding of the subject
(CO2)	To develop mathematical skill so that students are able to apply mathematical methods & principals in solving problem from Engineering fields.
(CO3)	Students will be able to understand the concept of solution of linear equation, rank of a matrix, linear dependence and independence of vectors.
(CO4)	Pupil will be able to apply their knowledge to solve the essential tools of matrices and linear algebra including linear transformations, diagonalization and orthogonalization.
(CO5)	To make aware students about the importance and symbiosis between Mathematics and Engineering.

Basics of Electrical and Electronics Engineering (EEE-101)

Course Outcome (CO)	Details of Course Outcomes
(CO1)	To provide basic knowledge of different elements of electrical and electronics engineering field.
(CO2)	To familiarize the students with the concepts of electrical circuits and network Analysis.
(CO3)	To understand the basics of AC and DC circuits.
(CO4)	To familiarize students to the analysis and design of analog electronic circuits which form the basic building blocks of almost any electronic system
(CO5)	To introduce p-n junction theory, operation of the semiconductor devices and their use in basic electronic circuits.

Programming for Problem Solving Using C (CSE-101)

Course Outcome (CO)	Details of Course Outcomes
(CO1)	To Explain various computer components, design flowchart and Algorithm, write program in C programming language.
(CO2)	To use different datatypes and operators to write programs.
(CO3)	To test and execute the programs and correct syntax and logical errors.
(CO4)	To analyze the problems by applying programming concepts using decision control statements and loop control statements
(CO5)	To formulate the problem by apply the programming concepts using array, structure, pointer and functions

Programming for Problem Solving Using C(LAB) (CSE-101P)

Course Outcome (CO)	Details of Course Outcomes
(CO1)	To formulate the algorithms for simple problems
(CO2)	To translate given algorithms to a working and correct program
(CO3)	To be able to correct syntax errors as reported by the compilers.
(CO4)	To be able to identify and correct logical errors encountered at run time.
(CO5)	To be able to write iterative as well as recursive programs and able to use arrays and structures and manipulate them through a program

Workshop Practices (LAB) (MEE-102P)

Course Outcome (CO)	Details of Course Outcomes
(CO1)	To impart fundamental Knowledge of engineering practices such as fitting, wood working, foundry, machining, welding, etc. for manufacturing a product
(CO2)	To prepare the students to understand the various tools and equipment's used in these processes and their working principle
(CO3)	To impart fundamental Knowledge of Lathe machine
(CO4)	To able to understand the basic knowledge of various welding processes
(CO5)	To interpret the various sheet metal works and welding processes in practice for production

Basics of Environmental Science ENV-101

Course Outcome (CO)	Details of Course Outcomes
ESC-ME-103G.1 (CO1)	Conceptualize the processes and various factors involved in the formation of environment.
ESC-ME-103G.2 (CO2)	Recognize the importance of environment and the sustainable of natural resources.
ESC-ME-103G.3 (CO3)	Analyze interaction between social and environmental processes
ESC-ME-103G.4 (CO4)	Use scientific reasoning to identify and understand environment problems and evaluate potential solutions
ESC-ME-103G.5 (CO5)	Visualize the impacts of human activities on environment and role of society in these impacts

Communication Skills in English (P) HSE-101P

Course Outcome (CO)	Details of Course Outcomes
(CO1)	Students will be enabled to understand the correct usage of grammar
(CO2)	Students will apply the fundamental inputs of communication skills in making speech delivery, individual conference, and group communication.
(CO3)	Students will evaluate the impact of interpersonal communication on their performance as a professional and in obtaining professional excellence at the workplace.
(CO4)	Skills and techniques of persuasion and negotiation would enhance the level of students at multifarious administrative and managerial platforms
(CO5)	Student will be able to equip with basics of communication skills and will apply it for practical and oral purposes by being honed up in presentation

	skills and voice-dynamics.
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