ADITYA COLLEGE OF ENGINEEI

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Recognized by UGC under Sections 2(f) and 12(B) of UGC Act,
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Course Outcomes (R20)

AY: 2020-21

COURSE NAME WITH CODE		COURSE OUTCOMES
COMMUNICATIVE ENGLISH C111	CO1	Understand past culture, tradition, speaking English in real life situations, identify kinds of nouns
	CO2	Recall Nehru's intention in his letter to Indira Priyadarshini, answering a series of questions, greetings and leave takings, articles, prepositions
	CO3	Recognize Stephen Hacking's contribution, his life and goals, speaking, writing letters on various contexts , writing cover letters, CVs, E-mail etiquette
	CO4	Understand Wangari Maathai's hardwork, Role plays for academic conversations, understand. permissions, requesting, Inviting.
	CO5	Understand formal oral presentations writing academic proposals, research articles, Technical Vocabulary
	CO6	Understand the importance of soft skills, comprehend Scientific and Technical English
MATHEMATICS-1 C112	CO1	Discuss the Ratio test and Mean value theorems
	CO2	Solve First order Linear differential equations
	CO3	Solve the Higher order non-homogeneous Differential Equations
	CO4	Model physical phenomina of LCR series circuit and Simple Hormonic Motion.
	CO5	Determine the extreme values for the function of two variables.
	CO6	Compute double and triple integrals to find Area and Volume.
APPLIED CHEMISTRY C113	CO1	Explain about fabrication of plastic and recycling of e waste.
	CO2	Explain types of batteries and control methods of corrosion.
	CO3	Determine the preparation of Non elemental semiconducting materials
	CO4	Determine the synthesis of nano materials and its applications.

	CO5	Analyse spectroscopic instrumentations and compare sources of energy.
	CO6	Discuss molecular machines and molecular motors
PROGRAMMING FOR PROBLEM SOLVING USING C C114	CO1	To Discuss machine language with the help of numbering system and recognize variables, statements and storage classes to write a program
	CO2	To Predict the problem solution using decision statements and loops
	CO3	To Classify the data by storing data in the formats of arrays structures and unions
	CO4	To Analyse applications of pointers to access values of memory locations through address and variable
	CO5	To Subdivide the problem into functions
	CO6	To Operate data in file information using file operations
ENGINEERING DRAWING C115	CO1	**Understand** the knowledge of basic geometries, geometric tools, and procedures used in engineering drawing.
	CO2	**Draw** simple curves of ellipse, cycloid and involutes.
	CO3	**Construct** projections of points, straight lines & planes inclined to one or both the planes.
	CO4	**Construct** Projections of planes inclined to one or both the planes.
	CO5	**Construct** projection of solids on different orientations
	CO6	**Transform** multi-views to isometric views and vice-versa
ENGLISH COMMUNICATION SKILLS LABORAORY C116	CO1	Identify 44 sounds of language and develop correct pronunciation learning Phonetics
	CO2	Demonstrate language functions: LSRW Skills
	CO3	Develop and practice correct accent, intonation, and rhythm to get acquaintance with language.
	CO4	Develop speaking skills through participation in activities and vocabulary
APPLIED CHEMISTRY LAB C117	CO1	Explain volumetric analysis with different indicators
	CO2	Calculate the Hardness of water by EDTA
	CO3	Determine the concentration of acids by using different instruments
	CO4	Analyse the quantity of ions in organic solutions

	CO1	Knowledge on various concepts of C language.
PROGRAMMING FOR PROBLEM SOLVING USING C C118	CO2	Draw flowcharts and write algorithms.
	CO3	Design and development of C problem solving skills
	CO4	Design and develop modular programming skills

PRINCIPAL