17E00412	**Project Work**
CO1	Students will able to outline business research problem
CO2	Develop research objectives and research design
CO3	Make use of different data collection techniques
CO4	Conclude with the findings based on analysis
CO5	Propose suggestions to solve the problems.

Head of the Department
Department of Business Administration
PBR VITS, KAVALI
Nellore Dt.

PARVATHAREDDY BABUL REDDY
VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE
(Affiliated to J.N.T.U.A, Approved by AICTE and Accredited by NAAC with 'A' Grade)
KAVALI – 524201, S.P.S.R Nellore Dist., A.P. India. Ph: 08626-243930

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Programme Specific Outcomes (PSOs)

PSO-1 : Graduates will be able to design and analyze Image Processing and Communication systems concepts using appropriate tools.

PSO-2 : Graduates will be able to design and develop solutions for real world problems by applying the concepts of VLSI and Embedded Systems.

Head of the Department
Electronics & Communication Engineering
PBR Visvodaya Institute of
Technology & Science
KAVALI - 524 201

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
2015 ADMITTED BATCH CO-PO/PSO MAPPING

SUBJECT NAME	JNTUA SUBJECT CODE	CO - NUMBER	COURSE OUTCOMES	KNOWLEDGE LEVEL	PROGRAM OUTCOMES												PROGRAM SPECIFIC OUTCOMES	
I-I					PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Functional English	15A52101	C111.1	Practise conversational skills for effective communication in both social and academic contexts.	K3									2	3				
		C111.2	Apply the correct structure in written expressions required for their professional prospects.	K3									2	3				
		C111.3	Develop e-communication skills, listening skills and also writing skills required to prepare projects.	K3									2	3				
		C111.4	Take part in group discussions, writing reviews and develop critical thinking skills.	K4									3	3				
		C111.5	Develop communicative competence with emphasis on professional skills	K3									2	3				
					0	0	0	0	0	0	0	0	5	5	0	0	0	0
					0	0	0	0	0	0	0	0	2.2	3	0	0	0	0
Mathematics – I	15A54101	C112.1	Analyze the mathematical knowledge to solve differential equations in engineering applications.	K4	3	3										2		
		C112.2	Apply the linear D.E's Mechanical and Electrical Oscillatory circuits and Deflection of Beams	K3	3	2										2		
		C112.3	Apply multiple integration and curve tracing to solve the real time problems in engineering.	K3	3	2										2		
		C112.4	Apply Laplace Transformations to solve engineering problems related to Mathematics.	K3	3	2										2		
		C112.5	Convert the real time problems into vector calculus and then find its solution.	K2	2	2										2		
					5	5	0	0	0	0	0	0	0	0	0	5	0	0
					2.8	2.2	0	0	0	0	0	0	0	0	0	2	0	0

SUBJECT NAME	JNTUA SUBJECT CODE	CO NUMBER	COURSE OUTCOMES	KNOWLEDGE LEVEL	PROGRAM OUTCOMES												PROGRAM SPECIFIC OUTCOMES	
			III		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Computer Programming	15A05101	C113.1	Illustrate basics of computers, concepts of algorithm , flowchart, programming terminology andapply various C-tokens & Input and	K3	3	2	2									3	3	3
		C113.2	Apply selection,loop,branch control statements and arrays to solve different applications.	K3	3	2	2									3	3	3
		C113.3	Examine pointers for implementing direct access of memory locations and the necessity of modularity in programming.	K4	3	3	2									3	3	3
		C113.4	Solve various data base related problems by using non-homogeneous data structures.	K3	3	2	2									3	3	3
		C113.5	Utilize the concepts and need of files in programming and implement file operations.	K3	3	2	2									3	3	3
					5	5	5	0	0	0	0	0	0	0	0	5	5	5
					3	2.2	2	0	0	0	0	0	0	0	0	0	0	3
Engineering Physics	15A56101	C114.1	Apply the basic fundamentals of physics and their applications in both scientific and technological systems.	K3	3	2										2		
		C114.2	Describe the properties of crystals along with Ultrasonic non destrictive technique.	K2	2	2										2		
		C114.3	Analyze the physical properties of materials through Quantum mechanics along with band theory.	K4	3	3										2		
		C114.4	Apply the concepts of Semiconducting and magnetic materials to Engineering fields.	K3	3	2										2		
		C114.5	Discuss the importance of Superconducting and Nano materials in various fileds.	K2	2	2										2		
					5	5	0	0	0	0	0	0	0	0	0	5	0	0
					2.6	2.2	0	0	0	0	0	0	0	0	0	0	0	0

SUBJECT NAME	JNTUA SUBJECT CODE	CO NUMBER	COURSE OUTCOMES	KNOWLEDGE LEVEL	PROGRAM OUTCOMES												PROGRAM SPECIFIC OUTCOMES	
					PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Engineering Drawing	15A03101	C115.1	Apply the basic fundamentals of physics and their applications in both scientific and technological systems.	K3	3	2							2					
		C115.2	Describe the properties of crystals along with Ultrasonic non destrictive technique.	K3	3	2							2					
		C115.3	Analyze the physical properties of materials through Quantum mechanics along with band theory.	K4	3	3	2						3					
		C115.4	Apply the concepts of Semiconducting and magnetic materials to Engineering fields.	K4	3	3	2						3					
		C115.5	Discuss the importance of Superconducting and Nano materials in various fileds.	K4	3	3	2						3					
					5	5	3	0	0	0	0	0	5	0	0	0	0	0
					3	2.6	2	0	0	0	0	0	2.6	0	0	0	0	0
English Language Communication Skills Lab	15A52102	C116.1	Distinguish the speech sounds and acquire better pronunciation	K4									3	3		2		
		C116.2	Develop oral fluency and neutralize mother tongue influence.	K3									2	3		2		
		C116.3	Take part actively in the learning process and become expertise in Presentation Skills like Oral, Poster, Power Point and other necessary	K4									2	3		2		
		C116.4	Apply language skills appropriately and effectively in interviews, group discussions and public speaking activities	K3									3	3		2		
		C116.5	Take part in group activites with more confidence thereby enhancing the employability skills	K4									2	3		2		
					0	0	0	0	0	0	0	0	5	5	0	5	0	0
					0	0	0	0	0	0	0	0	2.4	3	0	0	0	0

SUBJECT NAME	JNTUA SUBJECT CODE	CO NUMBER	COURSE OUTCOMES	KNOWLEDGE LEVEL	PROGRAM OUTCOMES												PROGRAM SPECIFIC OUTCOMES	
I-I					PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Engineering Physics Lab	15A56102	C117.1	Analyze the importance of Interference & Diffraction of light	K4	3	3							3	2				
		C117.2	Apply Lasers & Fiber optics to measure various parameters	K3	3	2							3	2				
		C117.3	Calculate the Energy gap of Semiconductor laser diode	K3	3	2							3	2				
		C117.4	Apply the applications of magnetic materials in day to day science	K3	3	2							3	2				
					4	4	0	0	0	0	0	0	4	4	0	0	0	0
					3	2.3	0	0	0	0	0	0	3	2	0	0	0	0
Computer Programming Lab	15A05102	C118.1	Demonstrate DOS and Linux Commands	K2	2	2							3	2		3	3	3
		C118.2	Illustrate the syntax and semantics of C language for simple problem statements.	K2	2	2	2						3	2		3	3	3
		C118.3	Develop the programs using arrays, strings operations	K3	3	2							3	2		3	3	3
		C118.4	Write programs that perform operations using derived data types.	K3	3	2							3	2		3	3	3
		C118.5	Develope C programming for a given application uing file operations.	K3	3	2	2						3	2		3	3	3
					5	5	2	0	0	0	0	0	5	5	0	5	5	5
					2.6	2	2	0	0	0	0	0	3	2	0	0	3	3
I-II																		
English for Professional Communication	15A52201	C121.1	Take part effectively in group discussions and debates.	K4									3	3		2		
		C121.2	Develop writing skills required in various professional contexts.	K3									2	3		2		
		C121.3	Employ presentation skills and creative writing skills effectively.	K3									2	3		2		
		C121.4	Analyse a variety of technical writing formats and styles.	K4									3	3		2		
		C121.5	Develop a proper level of language competence for employability.	K3									2	3		2		
					0	0	0	0	0	0	0	0	5	5	0	5	0	0
					0	0	0	0	0	0	0	0	2.4	3	0	0	0	0

SUBJECT NAME	JNTUA SUBJECT CODE	CO - NUMBER	COURSE OUTCOMES	KNOWLEDGE LEVEL	PROGRAM OUTCOMES												PROGRAM SPECIFIC OUTCOMES	
					PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Mathematics – II	15A54201	C122.1	Apply the Laplace Transform to solve the ordinary of first and second order	K3	3	2										2		
		C122.2	Find the fourie series representation of a one variablefunction	K4	3	3										2		
		C122.3	Demonstate their understanding of the dirichlet conditions by using them to evaluate infinite series	K2	2	2										2		
		C122.4	Attain the knowledge od partial differrential equation and aplying in Mechanical problems	K4	3	3										2		
		C122.5	Apply Fourier and Z-transformers to find the solutions for engineering poblems	K3	3	2										2		
					5	5	0	0	0	0	0	0	0	0	0	5	0	0
					2.8	2.4	0	0	0	0	0	0	0	0	0	0	0	0
Data Structures	15A05201	C123.1	Apply the concept of arrays with asymptotic notations in building linear and non linear data structures.	K3	3	2										3		3
		C123.2	Analyze stacks, queues and linked list using dynamic memory allocation.	K4	3	3										3		3
		C123.3	Develope algorithms for trees and graphs	K3	3	2										3		3
		C123.4	Compare and implement different sorting techniques	K4	3	3										3		3
		C123.5	Build different searching techniques and hashing methods.	K3	3	2										3		3
					5	5	0	0	0	0	0	0	0	0	0	5	0	5
					3	2.4	0	0	0	0	0	0	0	0	0	0	0	3

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			I-I		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Engineering Chemistry	15A51101	C124.1	Analyze water samples and develop suitable water treatment methods to use water domestically and industrially.	K4	3	3					3							
		C124.2	Apply the knowledge of different polymers and their better usage in various fields of engineering.	K3	3	2					3							
		C124.3	Apply the knowledge of various electrochemical cells and corrosion fundamentals for the development of new batteries and also for	K3	3	2					3							
		C124.4	Differentiate natural and derived fuels and also apply the knowledge for effective usage and conservation of fuels.	K4	3	3					3							
		C124.5	Apply the knowledge of different materials used in engineering and also develop advanced materials and new forms of carbon to use for	K3	3	2					3							
					5	5	0	0	0	0	5	0	0	0	0	0	0	0
					3	0	0	0	0	0	3	0	0	0	0	0	0	0
Environmental Studies	15A01101	C125.1	Comprehend the concepts of environment and its importance in our daily life and develop and apply various water conservation methods	K2	2	2					2							
		C125.2	Categorize an ability to reflect on their personal impacts on biodiversity in global perspective.	K2	2	2					2							
		C125.3	Develop new innovative methods for controlling of environmental pollution which may affecte the human health.	K3	2	2					3							
		C125.4	Analyze environmental issues related to society and find solutions for environmental problems.	K4	3	3					3							
		C125.5	Determine the effects of increasing human population as well as health associated problems and develop measures to be taken to	K4	3	3					3							
					5	5	0	0	0	0	5	0	0	0	0	0	0	0
					2.4	0	0	0	0	0	2.6	0	0	0	0	0	0	0

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			I-I		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Data Structures Lab	15A05202	C126.1	Calculate the time and space efficiency for the given algorithms.	K3	3	3	2								2	1	2	1
		C126.2	Apply operations like searching, insertion, deletion, and traversing mechanism etc. on various data structures.	K3	3	3	2								2	1	2	1
		C126.3	solve the specified problem by using appropriate concept in data structures	K3	3	3	2								2	1	2	1
		C126.4	Analyze the practical knowledge of data structures in real time problems	K4	3	3	2								2	1	2	1
					4	4	4	0	0	0	0	0	0	0	4	4	4	4
					3	3	0	0	0	0	0	0	0	0	0	1	2	1
Engineering Chemistry Lab	15A51102	C127.1	Develop skills in determining the effects of hard water in water	K3	3	3					3		3	2				
		C127.2	Distinguish different types of titrations in the volumetric analysis	K4	3	3					2		3	2				
		C127.3	Apply Conductometry instrumental method in volumetric analysis to determine the concentration of a given HCL solution by titration	K3	3	3					1		3	2				
		C127.4	Correlate the purity of water samples by doing D.O, Acidity and alkalinity estimations	K4	3	3					3		3	2				
		C127.5	Analyze the effect of temperature on viscosity by using Redwood viscometer	K4	3	3					1		3	2				
					3	3					3		3	2				
					3	3					1		3	2				

SUBJECT NAME	JNTUA SUBJECT CODE	CO - NUMBER	COURSE OUTCOMES	KNOWLEDGE LEVEL	PROGRAM OUTCOMES												PROGRAM SPECIFIC OUTCOMES	
					PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Engineering & IT Workshop	15A99201	C128.1	Design the sheet metal objects by surface development and join the metals for obtaining desired shape.	K5	3	3							3	2				
		C128.2	Identify the internal parts of computer and its pheripheral	K2	2	2							3	2				
		C128.3	Demonstrate Assemble and disassemble a Personal Computer and prepare the computer ready to use.	K2	2	2							3	2				
		C128.4	Develope skills in installation of Linux and Windows XP OS and to connect network for information sharing.	K3	3	2							3	2				
		C128.5	Illustrate how to Access the Internet and Browse it to obtain the required information.	K2	2	2							3	2				
					5	5	0	0	0	0	0	0	5	5	0	0	0	0
					2.4	0	0	0	0	0	0	0	3	2	0	0	0	0
			II-I															
Mathematics III	15A54301	C211.1	Demonstrate the knowledge of matrix calculation as an elegant and powerful mathematical language in connection with rank of a matrix.	K3	2	3	2	1										
		C211.2	Apply and solve the Solutions of Algebraic and Transcendental equations of different methods	K3	3	3	1	1										
		C211.3	Examine the methods based on forward and backward interpolation formulas	K3	2	3	2	1										
		C211.4	Design curve-fitting techniques for data representations and computation in engineering problems.	K4	2	3	2	1										
		C211.5	Differentiate numerical methods to obtain approximate solutions to mathematical problems for differentiation and integration	K4	3	3	2	1										
					5	5	5	5	0	0	0	0	0	0	0	0	0	0
					2.4	3	0	1	0	0	0	0	0	0	0	0	0	0

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			I-I		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Database Management Systems	15A05301	C212.1	Interpret the different issues involved in the design and implementation of a database system	K3	3	2	2	2					1					2
		C212.2	Examine data manipulation language to query, update, and manage a database	K3	2	3	3	2					3		2	2		2
		C212.3	Develop the logical design of the database using data modeling concepts such as entity-relationship diagrams	K3	2	2	3	3					3					2
		C212.4	Analyze Concurrency control strategies efficiently for indexed files.	K4	2	2	2	2					1					1
		C212.5	Illustrate ways to recover from system failures and design a relational database for small scale organization.	K3	2	2	2	3					3		2	2		2
					5	5	5	5	0	0	0	0	5	0	2	2	0	5
					2.2	2.2	2	2.4	0	0	0	0	2.2	0	2	2	0	1.8
Discrete Mathematics	15A05302	C213.1	Demonstrate mathematical concepts and logical reasoning to solve problems in different fields of Computer science and information	K3	2	3	2											
		C213.2	Examine the basic applications of set theory and relations.	K3	3	2	3											
		C213.3	Apply elementary properties of modular arithmetic applications in solving problems in Computer Science.	K3	2	2	3											
		C213.4	Construct graph theory models of data structures and state machines to solve problems of connectivity and constraints.	K4	3	3	2											
		C213.5	Evaluate basic counting techniques to solve combinatorial problems and permutations.	K4	1	2	3											
					5	5	5	0	0	0	0	0	0	0	0	0	0	0
					2.2	2.4	0	0	0	0	0	0	0	0	0	0	0	0

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			I-I		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Basic Electrical &Electronics Engineering	15A99301	C214.1	Apply basic principles and circuit laws to solve network theorems and two port networks	K3	3	1	1											
		C214.2	Demonstrate the principles and operations of various DC and AC machines	K3	3	1	1											
		C214.3	Analyze the operating principles of major electronic devices, its characteristics and applications	K4	3	1	1											
		C214.4	Differentiate BJT and FETs	K4	3	1	1											
		C214.5	Classify various sinusoidal oscillators based on application	K4	3	1	1											
		C214.6	Analyze OP-AMP based circuits to perform addition, difference, differentiation and integration operations	K4	3	1	1											
					6	6	6	0	0	0	0	0	0	0	0	0	0	0
					2.5	0	1	0	0	0	0	0	0	0	0	0	0	0
Digital Logic Design	15A04306	C215.1	Demonstrate number system and Boolean algebra to store the data in digital format.	K3	3	2	1											1
		C215.2	Apply minimization techniques in design of digital systems.	K3	3	2	1											1
		C215.3	Analyze and Design various combinational circuits in digital design applications.	K4	2	3	2											1
		C215.4	Analyze and Design sequential circuits in digital design applications.	K4	2	3	2											1
		C215.5	Design a digital circuit for memory organization using programmable logic devices.	K4	2	3	2											1
					5	5	5	0	0	0	0	0	0	0	0	0	0	5
					2.4	2.6	2	0	0	0	0	0	0	0	0	0	0	0

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					PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Managerial Economics and FinancialAnalysis	15A52301	C216.1	Examine the impact of managerial decisions taken on business.	K3	2	2	1											
		C216.2	Demonstrate the operations of business and decisions on assumptions of profit and losses by cost of a production.	K3	2	2	1											
		C216.3	Examine the business formulation and legal actions of a country and industrial policies.	K3	2	2	2											
		C216.4	Illustrate the system of finance and accounting principles on following accounting ratios.	K3	2	2	1											
		C216.5	Demkonstrate budget decision and capital utilization of an organisation.	K3	2	1	1											
					5	5	5	0	0	0	0	0	0	0	0	0	0	0
					2	1.8	1	0	0	0	0	0	0	0	0	0	0	0
Database Management Systems Laboratory	15A05303	C217.1	Examine database tools to perform various operations for the given data.	K3	3	3	1						1		1	3	1	3
		C217.2	Construct ER diagrams, map them to tables and normalize them.	K3	3	3	3						3		3	3	1	3
		C217.3	Illustrate database and retrieve information from database.	K3	3	3	3						3		3	3	1	3
		C217.4	Develop Procedures and Triggers to Program The Data Access And Manupulation	K4	2	3	1						2		2	2	1	3
					4	4	4	0	0	0	0	0	4	0	4	4	4	4
					2.8	3	2	0	0	0	0	0	2.3	0	2.3	2.75	0	3

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			I-I		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Basic Electrical and Electronics laboratory	15A99302	C218.1	Develop and employ different network models for elementary electriacal and electronic components like resistors, sources,	K4	3	2	1						1					
		C218.2	Implement the knowledge about semiconductors devices and basic digital gates in designing a circuit	K4	3	2	1						1					
		C218.3	Analyze the knowledge of math, science and engineering while implementing it to the analysis of electrical engineering problems	K4	3	2	1						1					
					3	3	3	0	0	0	0	0	3	0	0	0	0	0
					3	0	0	0	0	0	0	0	1	0	0	0	0	0
			II-I															
Probability and Statistics	15A54401	C221.1	Apply the knowledge of the basic concepts of probability and random variables	K3	3	2	3											
		C221.2	Examine the Binomial, Poisson and Normal distribution to the appropriate model and find mean & variance of the distributions.	K3	2	3	1											
		C221.3	Demoknstrate Test of Hypothesis in Large and Small sample tests	K3	3	3	2											
		C221.4	Analyhze the techniques of control charts for describing the quality of a manufactured product.	K4	2	2	3											
		C221.5	Evaluate queuing models to analyze real world systems and predict queues.	K4	1	2	2											
					5	5	5	0	0	0	0	0	0	0	0	0	0	0
					2.2	2.4	0	0	0	0	0	0	0	0	0	0	0	0
Software Engineering	15A05401	C222.1	Apply the basic concepts of software engineering and different process models to develop software projects.	K3	3	2	1	1					1		2	1	1	1
		C222.2	Examine various principles of Requirements Engineering to gather the requirements for project development.	K3	3	3	2	1							2	1	1	2
		C222.3	Analyze different architectural designs for a software projects.	K4	3	1	3	1					2		2	1	1	1
		C222.4	Analyze various guidelines of user interface and Webapp designs for testing the softwares.	K4	2	1	3	1					1		2	1	1	2
		C222.5	Apply different testing techniques on code and test the softwares.	K3	3	2	2	1					2		2	1	1	1
					5	5	5	5	0	0	0	0	4	0	5	5	5	5
					2.8	1.8	2	1	0	0	0	0	1.5	0	2	1	0	1.4

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					PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Computer Organization	15A05402	C223.1	Demonstrateb the basic concepts of computers, machine instructiions a	K3	3	2	1										2	
		C223.2	Apply the arithmetic operations on basic processing unit of a computer	K3	3	3	1										2	
		C223.3	Examine the basic memory organiations and the uses of the memories.	K3	3	3	1										3	
		C223.4	Analyze the different Input and output devices.	K4	3	3	1										3	
		C223.5	Classify the pipelining and multiprocessors.	K4	3	3	3										3	
					5	5	5	0	0	0	0	0	0	0	0	0	5	0
					3	2.8	1	0	0	0	0	0	0	0	0	0	2.6	0
Microprocessors & Interfacing	15A04407	C224.1	Illustrate the fundamental concepts and architecture of 8085 and 8086.	K4	2	2	2									1		1
		C224.2	Make use of 8086 instruction set for assembly language programming.	K3	3	3	3									1		
		C224.3	Examine the inerrupts, analyze the memory and I/O interfacing of 8086.	K3	3	3	1									1		
		C224.4	Infer how to interface memory and I/O devices and program 8086 microprocessor.	K3	3	3	1									1		1
		C224.5	Analyze the architecture of 8051 and interfacing devices of 8051.	K4	3	3	3									1		
					5	5	5	0	0	0	0	0	0	0	0	5	0	2
					2.8	2.8	2	0	0	0	0	0	0	0	0	1	0	1

SUBJECT NAME	JNTUA SUBJECT CODE	CO - NUMBER	COURSE OUTCOMES	KNOWLEDGE LEVEL	PROGRAM OUTCOMES												PROGRAM SPECIFIC OUTCOMES	
					PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Object Oriented Programming using java	15A05403	C225.1	Apply OOPs concepts & solve real world problems using Java	K3	3	1	1	1					1		1	1	1	
		C225.2	Choose OOP concepts to build java programs	K3	3	1	1	1					1		1	2	2	
		C225.3	Analyze key concepts like inheritance, Packages, Interfaces and exception handling	K4	3	3	3	1					1		1	3	3	
		C225.4	Experiment multithreadded programs with IO	K4	3	3	3	1					1		1	2	3	
		C225.5	Apply AWT to Develop GUI applications	K3	3	3	3	1					3		3	3	3	
					5	5	5	5	0	0	0	0	5	0	5	5	5	0
					3	2.2	2	0	0	0	0	0	0	0	0	0	2.4	0
Formal Languages and Automata Theory	15A05404	C226.1	Construct finite state machine while solving problems of computer programming languages and computer hardware	K3	3	3	3	1							1		2	2
		C226.2	Utilise regular expressions.and languages for constructing of Mathematical machines used to design computer languages.	K3	3	3	2	1							1		2	2
		C226.3	Compare and contrast the CFG and RG ,CFL and RL	K4	3	2	2	1							1		1	1
		C226.4	Construct FA to recognize CFL and CSL.	K3	3	2	1	1							1		2	1
		C226.5	Classify TMs for languages and recognizethe decidele/undecideble problems.k	K4	3	2	3	2							1		3	2
					5	5	5	5	0	0	0	0	0	0	5	0	5	5
					3	2.4	2	1.2	0	0	0	0	0	0	1	0	2	1.6

SUBJECT NAME	JNTUA SUBJECT CODE	CO - NUMBER	COURSE OUTCOMES	KNOWLEDGE LEVEL	PROGRAM OUTCOMES												PROGRAM SPECIFIC OUTCOMES	
					PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Microprocessors & Interfacing Laboratory	15A04408	C227.1	Examine 8086 assembly language programs.	K3	3	3	3									2	2	2
		C227.2	Develop program for programmable peripheral devices and their Interfacing.	K3	3	2	2									2	2	1
		C227.3	Analyze 8051 assembly language programs.	K4	3	3	3									2	2	2
		C227.4	Ilustrate and simulate programs using 8086 emulator software.	K3	3	3	2									2	2	2
		C227.5	Develop input operational codes into 8086 & 8051 trainer kits and execute programs.	K3	3	2	2									2	2	1
					5	5	5	0	0	0	0	0	0	0	0	5	5	5
					3	2.6	2	0	0	0	0	0	0	0	0	2	2	1.6
Java Programming Laboratory	15A05405	C228.1	Examine solutions for a range of problems using objects and classes	K3	3	3	3		1				3		3	3	3	
		C228.2	Develop portable programs which work in all environments	K3	3	3	3		1				3		3	3	3	
		C228.3	Develop user friendly interfaces	K3	3	3	3		1				3		3	3	3	
		C228.4	Design & implement applications using file and exception handling	K4	3	3	3		1				3		3	3	3	
		C228.5	Solve the problem using object oriented approach and design solutions which are robust	K3	3	3	3		1				3		3	3	3	
					5	5	5	0	5	0	0	0	5	0	5	5	5	0
					3	3	3	0	1	0	0	0	3	0	3	3	3	0

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					PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
			I-I															
Comprehensive Online Examination-I	15A05406	C229.1	Examine the knowledge acquired during the earlier semesters in order to solve the technical problems.	K3	3	2	1											
		C229.2	Apply comprehensive knowledge in Computer Science & Engineering related fields.	K3	3	2	1											
		C229.3	Demonstrate and implement fundamental concepts in Engineering related fields.	K3	3	3	1											
		C229.4	Anallyze insights in Computer Science & Engineering related fields.	K4	3	3	1											
					4	4	4	0	0	0	0	0	0	0	0	0	0	0
					2.3	1.8	0	0	0	0	0	0	0	0	0	0	0	0
			III-I															
Operating Systems	15A05501	C311.1	Demonstrate the concepts of operating systems and use them effectively.	K3	3	2	2		1								2	3
		C311.2	Design and Implement system and application programs to exploit operating system functionality.	K4	3	2	3		1								2	3
		C311.3	Examine Deadlock handling methods and Apply the concepts of Memory management techniques.	K4	3	3	3		1								2	3
		C311.4	Use File and Disk Management Schemes for effective Storage.	K3	3	3	2	2	1								2	3
		C311.5	Classify different Protection and Security principles associated with Operating Systems.	K4	3	1	1		1								2	3
					5	5	5	1	5	0	0	0	0	0	0	0	5	5
					3	2.2	2	2	1	0	0	0	0	0	0	0	2	3

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					PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Computer Networks	15A05502	C312.1	Demonstrate OSI and TCP/IP models and the responsibility of each layer, Define basic computer network technology	K3	3	3	2										1	3
		C312.2	Examine block coding techniques and different data link layer protocols, Define and explain Data Communications System and its	K3	3	3	3	2									1	3
		C312.3	Illustrate the Network Layer Design issues, Routing and congestion Control algorithms, Summarize the Network Layer in the Internet.	K3	3	3	2	2									2	3
		C312.4	Choose The Internet Transport Protocols and Performance problems in Network.	K3	3	3	2	2									1	3
		C312.5	Categorize a peer to peer file sharing application utilizing application layer protocols such as HTTP, DNS, and SNMP and transportation	K4	3	3	2										1	3
					5	5	5	3	0	0	0	0	0	0	0	0	5	5
					3	3	2	2	0	0	0	0	0	0	0	0	1.2	3
Object Oriented Analysis and Design	15A05503	C313.1	Examine the complex systems and its properties in object oriented perspective and understand the design of complex systems	K3	3	3	2	2									1	1
		C313.2	Determine the Objects, Classes and relationships among them to make the complex software system.	K3	3	3	3	2									1	1
		C313.3	Evaluate the UML features and representation of classes, objects, relationships and common mechanisms and design the class and	K4	3	2	2	2									1	2
		C313.4	Construct the structural models for software systems by drawing Package ,Composite Structure , Component, Deployment, Profile	K3	3	3	2	2									1	2
		C313.5	Develop the behavioural models for software systems by drawing Use Case, Activity, State Machine, Sequence, Communication, Timing	K3	3	3	3	2									1	2
					5	5	5	5	0	0	0	0	0	0	0	0	5	5
					3	2.8	2	2	0	0	0	0	0	0	0	0	1	1.6

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I-I					PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Principles of Programming Languages	15A05504	C314.1	Demoknstrate appropriate programming language for problem solving	K3	3	3	1										1	1
		C314.2	Illustrate imperative languages.	K3	3	3	2										1	1
		C314.3	Examine using object oriented languages.	K3	3	2	3										2	1
		C314.4	make use of functional programming languages	K3	3	2	1										2	2
		C314.5	Predict appropriate logical programming languages for specific kind of problem solving.	K3	2	3	2										1	2
					5	5	5	0	0	0	0	0	0	0	0	0	5	5
					2.8	2.6	2	0	0	0	0	0	0	0	0	0	1.4	1.4
Software Testing	15A05505	C315.1	Apply the basic concepts,Flow Graphs and Path Testing techniques to test the projects.	K3	1	3	2	1									1	1
		C315.2	Analyze transaction flow and data flow testing techniques and its strategies for testing the transactions and data flow in the projects	K4	2	3	2	1					1			1	1	2
		C315.3	Analyze the types of domains in domain testing and using that in testing domains in the project.	K4	3	3	2	1	1				1			1	1	3
		C315.4	Determine different paths and path expressions to simplify testing .	K3	3	3	2	1					1			1	1	3
		C315.5	Categorize state graphs,transition testing and graph matrices to solve testing problems	K4	3	3	2	1	2				2		1	1	1	3
					5	5	5	5	2	0	0	0	4	0	1	4	5	5
					2.4	3	2	1	2	0	0	0	1.3	0	1	1	1	2.4

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					PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
R-Programing	15A05506	C316.1	Demonstrate Import, review, manipulate and summarize data-sets in R	K3	1	1	2										1	
		C316.2	Analyze data-sets to create testable hypotheses and identify appropriate statistical tests	K4	2	2	1										1	2
		C316.3	Analyze the data and results using R, a flexible and completely cross- platform.	K4	2	1	1		3								2	
		C316.4	Analyze on a real life Project, implementing R Analytics to create Business Insights	K4	2	2	1	2							2	3	2	
		C316.5	Use a wide range of analytical methods and produce presentation quality graphics.	K3	1	2	1									3	1	
					5	5	5	1	1	0	0	0	0	0	1	2	5	1
					1.6	1.6	1	2	3	0	0	0	0	0	0	0	1.4	2
OOAD & ST Laboratory	15A05509	C317.1	Demonstrate the notations for representing various UML diagrams.	K3	2	3	3	3	1								3	1
		C317.2	Analyze and design the solutions by constructing UML diagrams for various applications.	K4	2	3	3	3	1								3	1
		C317.3	Design Manual Test cases for Software Project.	K3	1	1	3	2	1								3	1
		C317.4	Analyze the realistic problem for different category of software.	K4	1	3	2	2	1									1
		C317.5	Evaluate automation testing tools to test the code.	K4	1	2	2	2	1								1	2
					5	5	5	5	5	0	0	0	0	0	0	0	4	5
					1.4	2.4	3	0	1	0	0	0	0	0	0	0	2.5	1.2

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					PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Operating Systems Laboratory	15A05510	C318.1	Apply basic data structures to implement operating system functionalities.	K3	3	3	1						1	2				3
		C318.2	Design and Develop various CPU scheduling Algorithms.	K4	3	3	1						1	2			2	3
		C318.3	Design and Develop Deadlock handling mechanisms	K4	3	3	1		2				1	2			2	3
		C318.4	Apply algorithms for File and disk allocation and Management.	K3	3	3	1		2				1	2			2	3
		C318.5	Analyze the insights of operating system to implement all its functions.	K4	4	4	4	0	2	0	0	0	4	4	0	0	3	4
					3	3	0	0	2	0	0	0	1	2	0	0	2	3
Social Values and ethics	15A99501	C319.1	Demonstrate the basic concepts of society, family and channels of youth moments for National Building.	K3						1		3						
		C319.2	Examine the sociological, psychological factors influencing the youth crime, social harmony and national integration.	K3						1		3						
		C319.3	Analyse the environmental issues and objectives of Civil and Self defense.	K4						1		3						
		C319.4	Illustrate the gender sensitization and initiatives of Government schemes for prevention.	K3						1		3						
		C319.5	Determine the importance and benefits of physical activities.	K3						1		3						
					0	0	0	0	0	5	0	5	0	0	0	0	0	0
					0	0	0	0	0	1	0	3	0	0	0	0	0	0

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			I-I		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
			III-II															
Compiler Design	15A05601	C321.1	Examine the phases of compiler and evaluate the output of each phase	K3	3	2	1								1	2	2	3
		C321.2	Analyse the Problems on Top Down and Bottom Up Parsing Techniques	K4	3	3	3								1	2	3	3
		C321.3	Construct Sytax Directed Definition and Intermediate Code Representations	K3	3	2	3								1	2	3	3
		C321.4	Evaluate the Storage Organization, Allocation Methods and Symbol Table Managementfor proggramming language	K4	3	1	2								1	2	2	2
		C321.5	Analyze the target Code generation Algorithm and Code Optimization Techniques	K4	3	2	2								1	2	2	2
					5	5	5	0	0	0	0	0	0	0	5	5	5	5
					3	2	2	0	0	0	0	0	0	0	1	2	2.4	2.6
Data Warehousing & Mining	15A05602	C322.1	Demonstrate the basic concepts of data warehouse and data Mining.	K3	3												2	
		C322.2	Apply the preprocessing tools for data cleaning and data reduction.	K3	3	3		2									2	2
		C322.3	Analyze and Evaluate the performance of algorithms for association rules.	K4	3	3		2									3	2
		C322.4	Make Use data mining tools for classification and clustering .	K3	3			2									2	2
		C322.5	Compare and contrast different Mining techniques.	K4	3	2		2									3	2
					5	3	0	4	0	0	0	0	0	0	0	0	5	4
					3	2.7	0	2	0	0	0	0	0	0	0	0	2.4	2

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					PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Design Patterns	15A05603	C323.1	Demonstrate the different design patterns and their classifications.	K3	2	2	3	3					2				2	2
		C323.2	Examine the different problems in case study (Lexi).	K3	2	2	3	1					2			2		1
		C323.3	Compare different creational patterns to different software designs.	K4	2	1	3	2					2			1		2
		C323.4	Apply structural patterns to construct system design.	K3	2	2	3	1					2				1	1
		C323.5	Classify the behavioral patterns to design system software.	K4	2	2	3	2					2				1	1
					5	5	5	5	0	0	0	0	5	0	0	2	3	5
					2	1.8	3	1.8		0	0	0	0	0	0	1.5	1.3	1.4
Design and Analysis of Algorithms	15A05604	C324.1	Demonstrate various algorithmic notations to divide and conquer strategy to solve various computing problems.	K3	3	2	1										2	1
		C324.2	ExamineGreedy method and Dynamic programming techniques to solve the problems.	K3	3	2	1										2	1
		C324.3	Illustrate Backtracking technique to solve problems and use graph traversal techniques.	K3	3	2	1										2	1
		C324.4	Analyze Branch and Bound techniques to improve the efficiency of existing techniques.	K4	2	3	2										2	1
		C324.5	Analyze the limitions of complexity classes P,NP, and NP-Complete.	K4	2	3	2										2	1
					5	5	5	0	0	0	0	0	0	0	0	0	5	5
					2.6	2.4	0	0	0	0	0	0	0	0	0	0	2	0

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					PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Web and Internet Technologies	15A05605	C325.1	Demonstrate the basic installations of Web Servers.	K3	3	3	3								1	1	3	3
		C325.2	Apply the Programming of Java Script. HTML &CSS	K3	3	3	3								1	1	3	3
		C325.3	Examine the Servlet-JSP&JDBC Environment.	K3	3	3	3								1	1	3	3
		C325.4	Analyze Servlet-jsp environment & php Environment -Designing Web Pages with PHP &Databases	K4	3	3	3								1	1	3	3
		C325.5	Evaluate the use of xml with web environment - Classify various methods & services used in transforming data	K5	3	3	3								1	1	3	3
					5	5	5	0	0	0	0	0	0	0	5	5	5	5
					3	3	3	0	0	0	0	0	0	0	1	1	3	3
Artificial Intelligence	15A05606	C326.1	make Use variant categroies of search techniques to solve the given problem along with application of constraint satisfaction concepts.	K3	3	2	1	3							3	3	3	3
		C326.2	Illustrate the given problem using propositional logic and first order logic and their inferences.	K3	3	3	2	2							2	3	3	3
		C326.3	Apply different planning methodologies to solve problems in real world problems.	K3	3	2	3	3							1	3	3	3
		C326.4	Discriminate uncertain reasoning techniques to solve a problem and compare their efficiencies.	K4	3	3	2	3							1	2	3	3
		C326.5	Analyze the various learning methods to predict the rational behaviour of agent in the environment.	K4	3	2	3	3							1	2	3	3
					5	5	5	5	0	0	0	0	0	0	5	5	5	5
					3	2.4	2	2.8	0	0	0	0	0	0	1.6	2.6	3	3

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					PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Web and Internet Technologies Laboratory	15A05609	C327.1	Create dynamic and interactive web sites	K6	2	2	2	3							1	3	3	3
		C327.2	Create a server side java application called Servlet and JSP to catch form data sent from client, process it and store it on database.	K6	2	2	2	3							1	3	3	3
		C327.3	Demonstrate and apply predefined HTML tags and CSS	K3	2	2	2	3							1	3	3	3
		C327.4	Analyze and create a PHP program to a DBMS and perform insert, update and delete operations on table data.	K4	2	2	2	3							1	3	3	3
		C327.5	Analyze and evaluate the structure and the content of XML data using XML Schema.	K4	2	2	2	3							1	3	3	3
					5	5	5	5	0	0	0	0	0	0	5	5	5	5
					2	2	2	3	0	0	0	0	0	0	1	3	3	3
Data Warehousing & Mining Laboratory	15A05610	C328.1	build dataware house and explore weka	K3	3	3	1	2					2	2				3
		C328.2	Analyze the data pre-procesing tasks and demonstrate performing association rule mining on data sets	K4	3	2	1	2					2	2				2
		C328.3	Analyze perform classification ,clustering and regration on data sets	K4	2	2	3	2					2	2				2
		C328.4	Design data mining algorithms	K3	3	3		2					2	2				3
					4	4	3	4	0	0	0	0	4	4	0	0	0	4
					2.8	2.5	2	2	0	0	0	0	2	2	0	0	0	2.5

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					PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
AELCS Laboratory	15A52602	C329.1	Eamine the students fluency in English through a well developed vocabulary.	K3									2	3				
		C329.2	Demonstrate to communicate their ideas relevantly and coherently in writing Have achieved familiarity with variety technical reports.	K3									2	3				
		C329.3	Apply Accomplishment of sound vocabulary and its proper use contextually.	K3									2	3				
		C329.4	Analyze the students for job skills and professional development activities.	K4									2	3				
		C329.5	Examin Flair in writing and felicity in written expression.	K3									2	3				
					0	0	0	0	0	0	0	0	5	5	0	0	0	0
					0	0	0	0	0	0	0	0	2	3	0	0	0	0
Comprehensive Online Examination-II	15A05611	C3210.1	Examine the knowledge acquired during the earlier semesters in order to solve the technical problems.	K3	3	2											1	
		C3210.2	Apply comprehensive knowledge in Computer Science & Engineering related fields.	K3	3	2											1	
		C3210.3	Analyze fundamental concepts in Engineering related fields.	K4	3	3											1	
		C3210.4	Demonstrate insights in Computer Science & Engineering related fields.	K3	3	3											1	
					4	4	0	0	0	0	0	0	0	0	0	0	4	0
					3	2.5	0	0	0	0	0	0	0	0	0	0	1	0

SUBJECT NAME	JNTUA SUBJECT CODE	CO - NUMBER	COURSE OUTCOMES	KNOWLEDGE LEVEL	PROGRAM OUTCOMES												PROGRAM SPECIFIC OUTCOMES	
			I-I		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
			IV-I															
Management Science	15A52601	C411.1	Demonstrate the basic concepts of management in modern contexts.	K3		1					1				2			
		C411.2	Examine organization structures and principles.	K3		1					1				2			
		C411.3	Analyze production and marketing aspects.	K4		1					1				2			
		C411.4	Categorize the roles and responsibilities of Human Resource Manager.	K4		1					1				2			
		C411.5	Formulate strategies in the modern management and Compare the modern management practices based on the requirement of the	K3		1					1				2			
					0	5	0	0	0	0	5	0	0	0	5	0	0	0
					0	1	0	0	0	0	1	0	0	0	2	0	0	0
Grid & Cloud Computing	15A05701	C412.1	Examine the Fundamentals of Distributed, Grid and Cloud Comuting	K3	3	2	1									2	1	1
		C412.2	Demonstrate the Functionality Requirements, Architecture, Practical & Detailed View of OGSA	K3	3	2	1									1	1	1
		C412.3	Analyze the Cloud Deploymnet, Service Models, and Virtualization of	K4	3	2	2									2	2	2
		C412.4	Analyze the Programming Model of Globus Toolkit, and Hadoop Framework Concepts	K4	3	2	2		2							2	3	2
		C412.5	Illustrate the Grid and Cloud Security Concepts	K3	3	2	2									2	2	2
					5	5	5	0	1	0	0	0	0	0	0	5	5	5
					3	2	0	0	2	0	0	0	0	0	0	0	1.8	1.6

SUBJECT NAME	JNTUA SUBJECT CODE	CO - NUMBER	COURSE OUTCOMES	KNOWLEDGE LEVEL	PROGRAM OUTCOMES												PROGRAM SPECIFIC OUTCOMES	
					PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Information Security	15A05702	C413.1	Demonstrate information security requirements for a client and server.	K3	3	1	1	1								1		2
		C413.2	Examine cryptographic algorithms, authentication and security issues	K3	3	3	1	1								3		2
		C413.3	Illastrate algorithms and methods for web security with IPV4 and IPV6.	K3	2	3	3	1								3		2
		C413.4	Determine the Security and legal issues towards information security.	K3	3	1	1	1								1		2
		C413.5	Analyze the secret and public cryptography and Design a secure network with available solutions like PGP, SSL, etc.	K4	1	3	2	2								3		2
					5	5	5	5	0	0	0	0	0	0	0	5	0	5
					2.4	2.2	0	1.2	0	0	0	0	0	0	0	0	0	2
Mobile Application Development	15A05703	C414.1	Demostrate mobile application development software development tools	K3	3	3	3		2						1	1	3	3
		C414.2	Analze various widgets in mobile applications	K4	3	3	3		2						1	1	3	3
		C414.3	Compare various layouts in mobile application design	K4	3	3	3		2						1	1	3	3
		C414.4	Examine multimedia, camera and Location based services in Android App.	K3	3	3	3		2						1	1	3	3
		C414.5	Build mobile application with dialogs and Fragments and Design and develop menus with database in mobile applications	K5	3	3	3		2						1	1	3	3
					5	5	5	0	5	0	0	0	0	0	5	5	5	5
					3	3	3	0	0	0	0	0	0	0	0	0	3	3

SUBJECT NAME	JNTUA SUBJECT CODE	CO – NUMBER	COURSE OUTCOMES	KNOWLEDGE LEVEL	PROGRAM OUTCOMES												PROGRAM SPECIFIC OUTCOMES	
					PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Software Architecture	15A05704	C415.1	Examine major architectural styles, design patterns and frameworks	K3	3	2	3		1								2	2
		C415.2	Use architectural styles for problem and select among them for appropr	K3	3	3	3		1								1	1
		C415.3	Categorize functional and nonfunctional requirements for the problem.	K4	3	2	3		1								1	1
		C415.4	Compare and contrast the views available to create documentation for t	K4	3	2	2										1	1
		C415.5	Examine ATAM and CBAM effectively in implementation of software	K3	3	3	2		1								2	2
					5	5	5	0	4	0	0	0	0	0	0	0	5	5
					3	2.4	3	0	1	0	0	0	0	0	0	0	1.4	1.4
Software Project Management	15A05707	C416.1	Apply the concepts of Conventional Software Management Performance,models and Software Economics.	K3	2	3	1	2									2	3
		C416.2	Evaluate and improve the software processes to achieve required quality.	K5	3	3		2									2	3
		C416.3	Determine the concepts about principles of modern software management.	K3	3	3	1	2	2								2	3
		C416.4	Design and integrate life cycle phases and artifacts of various process model a software based architecture.	K3	2	3		3	2								2	3
		C416.5	Classify the process workflow, analyse about periodic status assessment, planning and project organization responsibilities and	K4	3	3	1	3	2								2	3
					5	5	3	5	3	0	0	0	0	0	0	0	5	5
					2.6	3	0	2.4	2	0	0	0	0	0	0	0	2	3

SUBJECT NAME	JNTUA SUBJECT CODE	CO - NUMBER	COURSE OUTCOMES	KNOWLEDGE LEVEL	PROGRAM OUTCOMES												PROGRAM SPECIFIC OUTCOMES	
					PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Grid & Cloud Computing Laboratory	15A05710	C417.1	Design and Implement Simulation Program to Create Grid Resources, Users and allocation of Jobs using GRIDSIM	K4	3	3	3		1							2	2	2
		C417.2	Develop Programs on Grid Computing using Globus Toolkit	K4	3	3	3		1							2	2	2
		C417.3	Examine programs on Software as a Service (SaaS) of Cloud using www.zoho.com and docs.google.com	K3	3	2	2		1							3	1	2
		C417.4	Develop programs on Platform as a Service (PaaS) of Cloud using Google App Engine and Microsoft Azure Cloud platforms	K5	3	3	3		1	2						3	3	3
		C417.5	Case Study on differnet examples of Public Cloud Platforms and Hadoop System	K5	3	1	2		1							2	2	2
					5	5	5	0	5	1	0	0	0	0	0	5	5	5
					2.4	2.2	2	0	1	2	0	0	0	0	0	2	1.6	1.8
Mobile Application Development laboratory	15A05711	C418.1	Demonstrate the applications on mobile application development environment	K3	2	2	2		1						1	3	3	3
		C418.2	Evaluate mobile applications on handheld devices	K5	2	2	2		1						1	3	3	3
		C418.3	Develop various widgets in mobile applications	K3	2	2	2		1						1	3	3	3
		C418.4	Analyze mobile applications with various layouts	K4	2	2	2		1						1	3	3	3
		C418.5	Build mobile application along with Media	K6	2	2	2		1						1	3	3	3
		C418.6	Design and develop menus in mobile applications	K6	3	2	2	0	1	0	0	2	2	3	0	0	2	2
					5	5	5	1	5	1	1	1	1	1	5	5	5	5
					2.6	2.4	2	0	1	0	0	2	2	3	1	3	3.4	3.4

SUBJECT NAME	JNTUA SUBJECT CODE	CO - NUMBER	COURSE OUTCOMES	KNOWLEDGE LEVEL	PROGRAM OUTCOMES												PROGRAM SPECIFIC OUTCOMES	
			I-I		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
			IV-II															
Mobile Computing	15A05802	C421.1	Demonstrate the implementation issues in LANS and PANS of wireless networks	K3	2	2	3									1	2	3
		C421.2	Differente various MAC Protocols usage in AdhocWireless Networks	K4	3	3	3									1	2	3
		C421.3	Examine various Routing and Security Protocols in Wireless Networks	K3	3	3	3									1	2	3
		C421.4	Classify QOS and Energy management in Wireless Networks	K4	3	3	3									1	2	3
		C421.5	Illustrate various Protocols in wireless Sensor Networks and their characteristics	K4	3	3	3									1	2	3
					5	5	5	0	0	0	0	0	0	0	0	5	5	5
					2.8	2.8	3	0	0	0	0	0	0	0	0	1	2	3
Enabling Technologies for Data Science & Analytics : IoT	15A05805	C422.1	Demonstrate the application areas of IoT.	K3	3	3	3	1					1			2	2	
		C422.2	Examine the revolution of Internet in Mobile Devices, Cloud & Sensor Networks.	K3	3	3	3	1					1			1	2	1
		C422.3	Compare and Contrast the use of Devices, Gateways and Data Management in IoT.	K4	3	3	3	1					1			1	1	1
		C422.4	Apply building blocks of Internet of Things and characteristics for data analysis.	K3	3		3	2								2	1	1
		C422.5	Illustrate the application of IoT in Industrial Automation and identify Real World Design Constraints.	K3	3		3	1									1	1
					5	3	5	5	0	0	0	0	3	0	0	4	5	4
					3	3	3	1.2		0	0	0	0	0	0	0	1.4	1

SUBJECT NAME	JNTUA SUBJECT CODE	CO - NUMBER	COURSE OUTCOMES	KNOWLEDGE LEVEL	PROGRAM OUTCOMES												PROGRAM SPECIFIC OUTCOMES	
			I-I		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Comprehensive Viva-Voce	15A05807	C423.1	Demonstrate originality in the application of knowledge, together with a practical approach of established techniques	K3	3	2							3	1				
		C423.2	Infer the students with the taxonomy and terminology of the computer Science and Engineering	K3	3	2							3	1				
		C423.3	Analyze foundation knowledge in various subjects.	K4	2	1							3	1				
		C423.4	Asses the students with sound skills to solve computational search problems.	K5	2	1							3	1				
		C423.5	Examine of techniques applicable to their own area of professional practice.		2	1							3	1				
					5	5	0	0	0	0	0	0	5	5	0	0	0	0
				K3	2	1	0	0	0	0	0	0	3	1	0	0	0	0
Technical Seminar	15A05808	C424.1	Collect, Organize & Analyse information about upcoming technologies /market Demands/current trends.	K4	2	2		1					2					
		C424.2	Examine the use of effective communication skills, stage courage, and confidence	K3	2	1		1					1					
		C424.3	Demonstrate intrapersonal skills	K3	2			1					1					
		C424.4	Build in keeping with new innovations and inventions	K4	2	1							1					
		C424.5	Develop skills in doing literature survey, technical presentation and report preparation	K4	2								1					
					5	3	0	3	0	0	0	0	4	0	0	0	0	0
					2	1.3	0	1	0	0	0	0	1.5	0	0	0	0	0

SUBJECT NAME	JNTUA SUBJECT CODE	CO - NUMBER	COURSE OUTCOMES	KNOWLEDGE LEVEL	PROGRAM OUTCOMES												PROGRAM SPECIFIC OUTCOMES	
					PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Project Work	15A05809	C425.1	Examine abstract preparatin for major project by identifying the requirements	K3	3	3	2	2	1				3	2			1	1
		C425.2	Collect the literature related to the project from various sources to analyse the project	K4	2	3	2	2	1				3	2		2	2	2
		C425.3	Design the Necessary modules of the project	K5	2	3	2	2	1				3	2		2	1	2
		C425.4	Choose efficient tools for project implementation	K5	2	2	2	2	1				3	2		3	1	2
		C425.5	Prepare project documentation as per given guidelines.	K4	2	2	2	2	1				3	2		2	1	2
					5	5	5	5	5	0	0	0	5	5	0	4	5	5
					2.2	2.6	0	2	1	0	0	0	3	2	0	2.25	0	0

IN-CHARGE

HOD
Head of Department
COMPUTER SCIENCE ENGINEERING
P.B. Siddhartha Institute of Technology & Science
KAVALI - 524 201, SPSR. Nellore Dt.

CO ATTAINMENT

Course Name:	**COMPUTER PROGRAMMING**	
Course Code:	**15A05101**	**C113**
Session of Course:	JULY 2016 TO NOV 2016	
T:Tu:	03:01	
Year/Semester	I/I	
Credits:	3	
Batch:	**2016-2020**	

CO MAPPING

	COURSE OUTCOMES	MID-1	MID-2
C103.1	Illustrate basics of computers, concepts of algorithm , flowchart, programming terminology andapply v	1,2,3,5	
C103.2	Apply selection,loop,branch control statements and arrays to solve different applications.	1,4,5	
C103.3	Examine pointers for implementing direct access of memory locations and the necessity of modularity		1
C103.4	Solve various data base related problems by using non-homogeneous data structures.		3,4,5
C103.5	Utilize the concepts and need of files in programming and implement file operations.		1,2,3

COs ATTAINMENT:

CO	CO Attainment Values Question wise							External	Direct Attain	Indirect (CES)	CO Attain	% CO Attained
C103.1	2.00	1.00	1.00	1.00				2.00	1.78	2.69	2.00	66.56
C103.2	2.00	1.00	1.00					2.00	1.80	2.74	2.01	66.86
C103.3	1.00							2.00	1.70	2.78	1.96	65.25
C103.4	1.00	1.00	1.00					2.00	1.70	~~2.70~~	~~1.96~~	65.31
C103.5	1.00	1.00	1.00					2.00	1.70	2.66	1.98	66.04

Target Level: 1.85

CO ATTAINMENT ANALYSIS:

OBSERVATIONS :

Based on the above Result it is Identified that all CO's reached the Target Attainment Level because of the following Activities

1.Question Bank was prepared from previous University Question Papers and given to Students.
2.Conducted Unit wise Slip Tests in Tutorial Classes for effective writing of Descriptive Question-Answers
3.Students were presented Seminars on various Important Topics

ACTION SUGGESTED:

For achieving better Attainments the following Actions suggested
In addition to Continuing with the above Activities
1.Planning to show Video Lectures
2.Suggested to discuss previous 3 years University Question Papers

PO ATTAINMENT

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	CO Attained
CO1	3	2	2									3	3	3	2.00
CO2	3	2	2									3	3	3	2.01
CO3	3	3	2									3	3	3	1.96
CO4	3	2	2									3	3	3	1.96
CO5	3	2	2									3	3	3	1.98
TOTAL	5	5	5	0	0	0	0	0	0	0	0	5	5	5	

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Sum of CO*PO	9.90	7.25	6.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.90	9.90	9.90
CO-PO LEVEL	0.51	0.69	0.76									0.51	0.51	0.51
% CO-PO	17.00	23.00	25.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.00	17.00	17.00

Signature of the Faculty

Incharge

HOD
Head of Department
COMPUTER SCIENCE ENGINEERING
PBR Visvodaya Institute of Technology & Science
KAVALI - 524 201,SPSR Nellore Dt.

PARVATHAREDDY BABUL REDDY
VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE

(Affiliated to J.N.T.U.A, Approved by AICTE and Accredited by NAAC with 'A' Grade)

KAVALI – 524201, S.P.S.R Nellore Dist., A.P. India. Ph: 08626-243930

DEPARTMENT OF HUMANITIES & SCIENCE

S.No	Roll no.	MID-1					MID-2					Univ. Marks
		Q1	Q2	Q3	Q4	Q5	Q1	Q2	Q3	Q4	Q5	
Max. Marks		10	10	10	10	10	10	10	10	10	10	70
50% Marks		5	5	5	5	5	5	5	5	5	5	25
1	16731A0501	10		10	9		10	9		10		66
2	16731A0502	10	10			10	10	9		10		94
3	16731A0503	8		9		9	9	5		10		53
4	16731A0504	7	7	6	7		8			10		55
5	16731A0505	10	8	9	9		10	5		10		54
6	16731A0506	10	9	9		8	10	6		10		55
7	16731A0507	10	10			8	10	7		9		60
8	16731A0508	10	7	4			9	3		10		55
9	16731A0509	10		10	9		10		10	10		80
10	16731A0510	7	3		4		10	7		9		70
11	16731A0511	9	10	10		10	10	7	7	10		62
12	16731A0512	10	10	8		10	10	10			10	72
13	16731A0513	9	10		9		10	5		10		62
14	16731A0514	10		10		9	10	9		10		76
15	16731A0515	9	6		7		9	7		10		60
16	16731A0516	10		10		6	10	9		9		66
17	16731A0517	10	9	7			8	7		10		64
18	16731A0518	10		9	10		10			10	9	80
19	16731A0519	8	6	6	8	5	10	8		6		58
20	16731A0520	9	10	4	9		8		8	7		75
21	16731A0521	5		6		6	7		1	10		40
22	16731A0522	5	4		4		6	1		5		29
23	16731A0523	6		4	6		8	1		10		47
24	16731A0524	4	9	3		5	7			10		31
25	16731A0525	9	7	8		6	9	6		3	1	55
26	16731A0526	9	5	5		9	9		1	5		52
27	16731A0527	10	10			7	5	4	2	6		69
28	16731A0528	10	10	6		9	9	4	5	6		65
29	16731A0529	10	7	9	9		10	6		8		66
30	16731A0530	10	10	9	10		10	10		10		85
31	16731A0531	9	8		8		8	1		2	1	57
32	16731A0532	10	10	9	9	8	10	9		9	2	84
33	16731A0533	10		10		10	10	9		9		66
34	16731A0534	10	10			10	10	10		10		83
35	16731A0535	10	10			10	9	10		9		68
36	16731A0536	6		4		10	9			10		49
37	16731A0537	6		4	7		6					27
38	16731A0538	9	5	10	4	6	10	10			8	61
39	16731A0539	9	8	9		6	10		2		1	52
40	16731A0540	8		10		6	10		7	5		54
41	16731A0541	10		10	10	10	10	9		8	7	79
42	16731A0542	10		10		10	10			10		60
43	16731A0543	6		3	2		7			6		28
44	16731A0544	9	7			5	1					39
45	16731A0545	10	2	10	3	9	10		2	4		58
46	16731A0546	10		10		10	10	10		9		68
47	16731A0547	10	10		10		9	2		9		72
48	16731A0548	7	9		5		8	1		2	3	48
49	16731A0549	7		7	5		5	1				37
50	16731A0550	8		7	3		10			7		51
51	16731A0551	9		10		7	9	2		2		52
52	16731A0552	10		10		9	10	10		7		63
53	16731A0553	9	9		1	6	10	6	1	8		63
54	16731A0554	5	7		4		8	1		4		49
55	16731A0555	9	7			7	9		8	10		62

S.No	Roll no.	MID-1					MID-2					Univ.
		Q1	Q2	Q3	Q4	Q5	Q1	Q2	Q3	Q4	Q5	Marks
Max. Marks		10	10	10	10	10	10	10	10	10	10	70
50% Marks		5	5	5	5	5	5	5	5	5	5	25
56	16731A0556	8		7		4	4	1		1		37
57	16731A0557	9		8		4	10	9		10		28
58	16731A0558	8		8		5	8	4		9		73
59	16731A0559	10		10		10	9	10		10		67
60	16731A0560	7	5			4	8	7		3		37
61	16731A0561	7	10			2	10	2		9		51
62	16731A0562	9	10			8	9	3		9		62
63	16731A0563	10		9		8	8	3		2		52
64	16731A0564	7	9		4		10	2		1		38
65	16731A0565	9	10			6	10	6		5		60
66	16731A0566	10		6	8		10	10		5		52
67	16731A0567	7	10			4	9	7		7	6	50
68	16731A0568	10	4	9		9	10	6		8		73
69	16731A0569	7	9		4	1	7	8		10		50
70	16731A0570	7	7	10	3		9	10			4	59
71	16731A0571	3			8		6			5		41
72	16731A0572	8		7	1		6	2		8		45
73	16731A0573	10	6	7	6		10	6		9		75
74	16731A0574	8					5			1		26
75	16731A0575	7		7	1		6	3		9		48
76	16731A0576	10	10		7		7	3		7		54
77	16731A0577	2		6		1	3	2		1		30
78	16731A0578	8	2	2	4		5			7		47
79	16731A0579	6	7		5		4	6		6		45
80	16731A0580	9	10			6	10	4		8		64
81	16731A0581	8	10			3	10	3		7		50
82	16731A0582	4	5		7		10	1		6		46
83	16731A0583	10	10	8		7	10	1		2		50
84	16731A0584	10	10			10	10			10		62
85	16731A0585	7	10		8		8	2		5		52
86	16731A0586	8	5		3		9			1	1	43
87	16731A0587	4			5		7			2		41
88	16731A0588	8	5	4		4	5			5		45
89	16731A0589	9	10		1	3	8	3		7		51
90	16731A0590	6	3	2	3		7	4		5		46
91	16731A0591	8	10	5		5	5			3		52
92	16731A0592	10	10	10		5	8	3		6		62
93	16731A0593	4		4	2		5			6		25
94	16731A0594	1		4		6	7					32
95	16731A0595	2	10			9	6			10		31
96	16731A0596	9				2	6			2		52
97	16731A0597	8				1	10	6		3		23
98	16731A0598	10	10			9	10	10		7		62
99	16731A0599	5		2	1		8	1		1		28
100	16731A05A0	5	3		3		5	1		5		31
101	16731A05A1	6	9			4	7			7		36
102	16731A05A2	6		1	1	1	6			7		26
103	16731A05A3	9	7			4	6	2		6		61
104	16731A05A4	3	6		6	10	5			4		38
105	16731A05A5	1		2	1	1	9			1		40
106	16731A05A6	8	2			8	9	1		6		55
107	16731A05A7	5	4			5	8	2		5		45
108	16731A05A8	9	5	10		10	8	9		9		75
109	16731A05A9	2	7	4		6	4			1		40
110	16731A05B0	10	7			10	8	2		3		56

S.No	Roll no.	MID-1					MID-2					Univ.
		Q1	Q2	Q3	Q4	Q5	Q1	Q2	Q3	Q4	Q5	Marks
Max. Marks		10	10	10	10	10	10	10	10	10	10	70
50% Marks		5	5	5	5	5	5	5	5	5	5	25
111	16731A05B1	6	8			7	7	1		8		62
112	16731A05B2	6	4			7	1		0	3		45
113	16731A05B3	4		3	7		5			5		48
114	16731A05B4	3			3	4	8			1		42
115	16731A05B5	10	8			10	10	3		8		61
116	16731A05B6	7	8			6	3	2		3		59
117	16731A05B7	7	8			5	7			1		47
118	16731A05B8	7	8			7	6			1		50
119	16731A05B9	10	6		5	6	3			3		50
120	16731A05C0	8	5	7	7	7	6			5		50
121	16731A05C1	6	7			6	4			1		36
122	16731A05C2	7	8			8	7		2	3		48
123	16731A05C3	4			4		8					17
124	16731A05C4	7		3		7	4		2	9		45
125	16731A05C5	7	8	1		5	3		4	4		47
126	16731A05C6	7		8		6	6		2	4		49
127	16731A05C7	5	5	4	2	6	2	1		2	2	35
128	16731A05C8	6	4			9	3	2		5		45
129	16731A05C9	5			10		7			5		21
130	16731A05D0	1	4				6			3		23
131	16731A05D1	6		4	3	4	6			1		25
132	16731A05D2	5	1				5			0		29
133	16731A05D3	7	6		9	5	3		4	3		47
134	16731A05D4	6		9	2	8	1			9		39
135	16731A05D5	10	4	5		6	2	1		6		55
136	16731A05D6	8	5		4	6	4	3		5		57
137	16731A05D7	3					0					8
138	16731A05D8	5	7		4	5	5			2		35
139	16731A05D9	7	6		1		5	1		5		36
140	16731A05E0	4		8		5	0			2	0	30
141	16731A05E1	4	1		1	3			0	2		24
142	16731A05E2	8		3		10	7			4		26
143	16731A05E3	4		9		9	7	2		4		38
144	16731A05E4	4			0		3			3		14
145	16731A05E5	7	5			3	4	4	3	5		55
146	16731A05E6	3	8			7	6	2		5		31
147	16731A05E7	6	2		7		0	2		4		27
148	16731A05E8	7					4	1				19
149	16731A05E9	2			3		1			3		16
150	16731A05F0	7	6	5		8	4			1		47
151	16731A05F1	2	2	4		2	1			1		40
152	16731A05F2	6	7		8	4	1		0			49
153	16731A05F3	4	6	5	2		3	1				41
154	16731A05F4	2	2		1		1			2		30
155	16731A05F5	1	2			1				1		20
156	16731A05F6	1	7	2		3				2		28
157	16731A05F7	2	3	4	2		1			2		26
158	16731A05F8	1			1		3	1	1	5		31
159	16731A05F9	5	4	2	2		3	1	2	3		49
160	16731A05G0	1			1		1			1		14
161	16731A05G1	2		2	1	1	4			2		28
162	16731A05G2	1	1			0	7		2	1		32
163	16731A05G3	1	3		1		3			4		27
164	16731A05G4	1			1		4			2		17
165	16731A05G5	3	2		8		3	1	1	4		40

S.No	Roll no.	MID-1					MID-2					Univ. Marks
		Q1	Q2	Q3	Q4	Q5	Q1	Q2	Q3	Q4	Q5	
Max. Marks		10	10	10	10	10	10	10	10	10	10	70
50% Marks		5	5	5	5	5	5	5	5	5	5	25
166	16731A05G6						5			1		11
167	16731A05G7		1				2	1		5		24
168	16731A05G8	3		7	6		1		3	4		42
169	16731A05G9	3	4	1	5		3		2		1	48
170	16731A05H0	1	1		1	0				2		30
171	16731A05H1	2.5	8			6	5	9		9		21
172	16731A05H2	7	9			4	4		1		3	60
173	16731A05H3		1		0		1	0			0	22
174	16731A05H4	3		4	6		3	1			2	22
175	16731A05H5	1	0	4			1				1	28
176	16731A05H6	1	3	1		1	3				2	30
177	16731A05H7	6	5	4	2	2	2			2		43
178	16731A05H8	2		2	2					1		13
179	16731A05H9	9	9			5	9			10		64
180	16731A05I0	9		8		4	5	2		7		40
Number of		177	117	91	85	110	175	98	28	161	20	180
Number of		134	87	58	39	79	129	42	6	97	5	162
Sum of Marks		1083	692	476	294	590	1045	334	45	752	40	8085
CO Attainment		61.19	59.15	52.31	34.59	53.64	59.71	34.08	16.07	46.71	20.00	64.17
CO Attainment		**2**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**2**
CO NUMBER		1,2	1	1	2	1,2	3,5	5	5,4	4	4	

Course End Survey							
CO	Excellent (3)	Good (2)	Poor (1)	Total weighted	Attainment	Total	
CO1	115	39	5	428	2.69	159	89.727
CO2	122	33	4	436	2.74	159	91.405
CO3	130	23	6	442	2.78	159	92.662
CO4	125	20	14	429	2.70	159	89.937
CO5	120	24	15	423	2.66	159	88.679
TOTAL	159						

PA. √ATHAREDDY BABUL REDDY
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KAVALI – 524201, S.P.S.R Nellore Dist., A.P. India. Ph: 08626-243930

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

R15-BATCH, CO-PO ATTAINMENT (EEE)

S.NO	SUBJECT NAME	Course Attainment	PO1 (K3)	PO2 (K4)	PO3 (K5)	PO4 (K5)	PO5 (K5)	PO6 (K6)	PO7 (K3)	PO8 (K3)	PO9 (K4)	PO10 (K3)	PO11 (K3)	PO12 (K5)
1	Communicative English	85.56	1.67	1.50		2.00			1.67	1.40	1.50	3.00		
2	Engineering Physics	82.22	2.40	1.80	1.25	1.33								1.00
3	Engineering Chemistry	82.22	2.40	2.33			2.40	1.67	2.00	2.00	3.00	2.00	1.33	1.60
4	Mathematics – I	87.78	3.00	2.80	1.60	1.60	1.40							
5	Structures	86.67	2.80	1.80	1.00									
6	Mathematics - II	75.56	2.80	2.60	1.80	1.40	1.00							3.00
7	Electrical Circuits	78.89	3.00	2.60	1.60	1.40								1.00
8	Structures Lab	85.56	3.00	1.60	1.00									1.00
9	Engineering Chemistry Lab	85.56	2.80	2.50	2.00	1.67	2.00	2.00	2.00	2.00	3.00	2.00	1.00	2.00
10	Engineering & I.T. Workshop	86.67	2.00		2.00		2.60			2.00	1.40	2.00		2.20
11	Communication Skills Lab	81.11	2.00								3.00	3.00		2.00
12	Mathematics -III	79.46	3.00	2.00										
13	Environmental Science	74.11	1.50	1.75	1.00	1.33	1.67	2.00	2.20	2.60	2.40	2.20	1.75	2.40
14	Machinery	81.25	2.60	1.60	1.33	1.00								
15	Electronic Devices and circuits	80.36	2.50	1.83	1.60	1.00								
16	Engineering Graphics	77.68	2.80	2.00	2.00	1.00						3.00		
17	Electrical Machines –I	83.04	3.00	2.83	1.83	2.00	1.00	1.00						
18	Fluid Mechanics and Hydraulic Ma	84.82				3.00					3.00	3.00		
19	Electric circuits and Simulation La	82.14					2.33	1.50		3.00				
20	Electromagnetic Fields	80.18	3.00	2.80	1.80	1.40	1.00	1.00						
21	Control Systems Engineering	79.28	3.00	2.60	2.00	2.00	1.75							

22	Analog Electronic Circuits	78.38	3.0	3.00	2.60	2.60	2.60	1.00						
23	Switching Theory and logic design	81.98	2.67	2.17	3.00	2.67								
24	Electrical Power Generating Syste	81.08	2.29	1.60										
25	Electrical Machines –II	79.28	3.00	2.67	1.83	1.83	1.83							
26	Electrical Machines Lab -I	88.29	3.00	3.00	2.20	2.20	1.00	1.00		2.00	3.00			
27	Electronic Devices & Circuits lab	86.49	3.00	3.00	2.60	2.60		2.00						
28	Financial Analysis	77.36	2.40	1.60	1.20	2.00								
29	Instruments	87.74	2.40	1.40	1.00	1.00	1.00							
30	Linear & Digital IC Applications	86.79	2.40	1.40	1.00	1.00	1.00							
31	Systems	80.19	2.83	2.67	2.20	2.20	2.20							
32	Power Electronics	82.08	2.80	2.20	1.50	1.67								
33	Electrical Machines – III	85.85	2.20	2.20	3.00	2.50								
34	Electrical Machines Lab – II	92.45					2.60	2.00		2.00				
35	Lab	90.57					1.67	1.50		3.00				
36	Human Values & Professional Eth	85.85			1.83			3.00	2.83	3.00		2.00	2.00	2.00
37	Examination-I	91.51	2.33	1.50	1.50	2.00	2.00					3.00		
38	Power Semiconductor Drives	80.95	2.80	2.20	1.50	1.25	1.00							
39	Power System Protection	84.76	2.60	1.80	1.33	1.50	1.50	1.00						
40	Microcontrollers	81.90	2.40	1.60	1.80	2.50	2.00							
41	Control	82.86	2.33	1.50	1.50	2.00	2.00							
42	Power System Analysis	83.81	3.00	2.40	1.60	1.60								
43	Optimization Techniques	77.14	2.80	2.00	1.25	1.75	1.00							
44	Lab	94.29					2.50	1.50		3.00				
45	Electrical Measurements Lab	98.10	3.00	2.20	2.00	2.00	2.00	1.80						
46	Examination-II	82.86	2.33	1.50	1.50	2.00	2.00					3.00		
47	Communication Skills lab	80.00	2.00								3.00	3.00		2.00
48	Electrical Distribution Systems	84.47	2.80	2.40	1.60	1.75	1.33	1.00						
49	Digital Signal Processing	82.52	3.00	3.00	2.60	2.60								
50	Management Science	86.41	2.20	1.50	2.00	2.00								

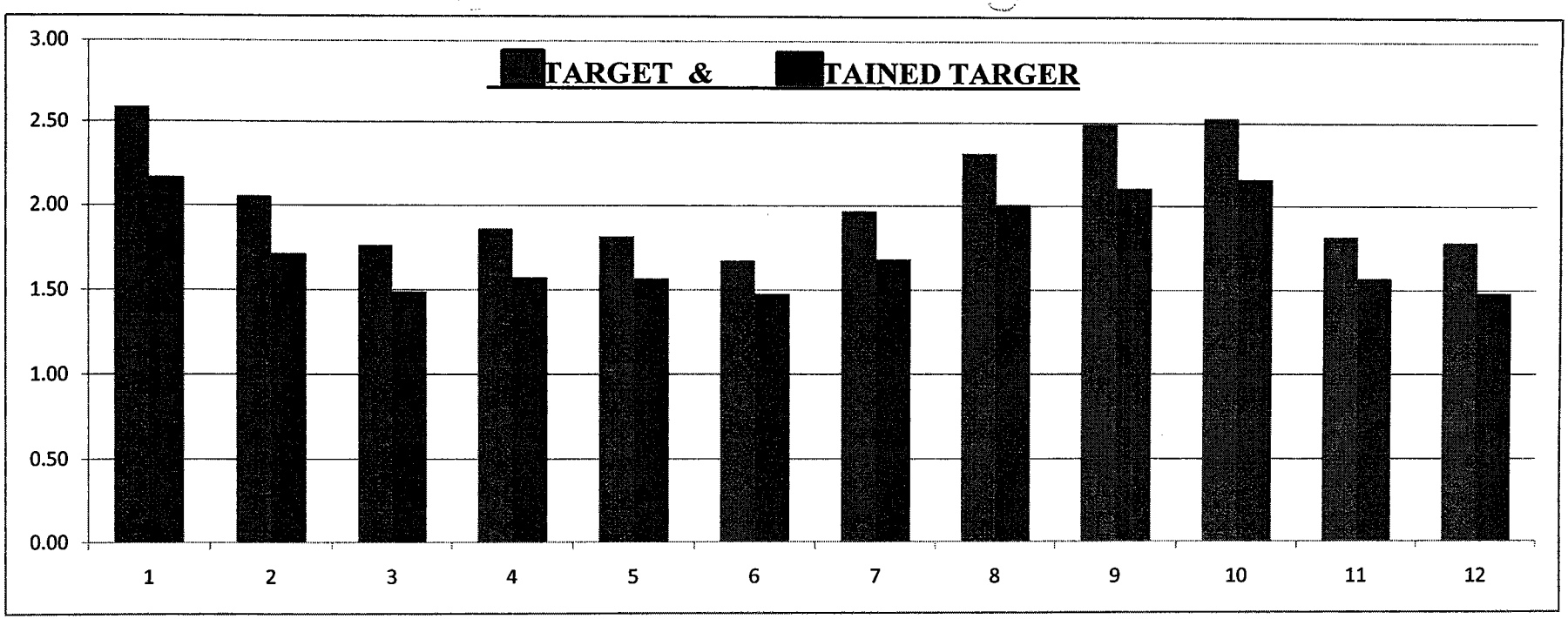
51	Utilization of Electrical Energy	80.58	[illegible]0	1.80	1.33	1.33	1.33							
52	Energy Auditing & Demand Side Mar	79.61	2.40	1.60	1.00				2.00	1.67	1.33			1.00
53	Flexible AC Transmission Systems	80.58	3.00	2.40	1.40	1.40	1.00		1.00					
54	Microprocessors and Microcontrol	96.12	1.80	1.50	3.00	3.00	3.00							
55	Power Electronics and Simulation	98.06	2.20	2.00	2.00	2.00	3.00	2.33	2.00	2.40	2.80	1.75		1.75
	Instrumentation	84.76	2.60	1.80										
	HVDC Transmission	81.90	2.60	1.80										
	Embedded Systems	86.67	2.40	1.60	1.50	2.00	2.00							
	Technical Seminar	93.33	3.00	1.00				2.00				3.00		2.00
	Project Work	96.19	2.40	1.80	3.00	3.00	3.00	2.50	2.00			2.00	3.00	

AVG	2.59	2.05	1.77	1.86	1.82	1.67	1.97	2.31	2.49	2.53	1.82	1.78

PO ATTAINMENT	83.69	83.52	84.48	84.51	86.36	88.17	85.47	86.79	84.36	85.33	86.44	83.22
3 SCALE	2.17	1.72	1.49	1.57	1.57	1.48	1.68	2.01	2.10	2.16	1.57	1.48
	0.84	0.84	0.84	0.85	0.86	0.88	0.85	0.87	0.84	0.85	0.86	0.83

No of Subjects	54	51	46	43	34	19	9	13	11	15	5	14
PO'S	PO1 (K3)	PO2 (K4)	PO3 (K5)	PO4 (K5)	PO5 (K5)	PO6 (K6)	PO7 (K3)	PO8 (K3)	PO9 (K4)	PO10 (K3)	PO11 (K3)	PO12 (K5)

OBTAINED TARGET	2.17	1.72	1.49	1.57	1.57	1.48	1.68	2.01	2.10	2.16	1.57	1.48
TARGET	2.59	2.05	1.77	1.86	1.82	1.67	1.97	2.31	2.49	2.53	1.82	1.73



HEAD OF THE DEPARTMENT

Head of Department
ELECTRICAL & ELECTRONICS ENGINEERING
PBR Visvodaya Institute of Technology & Science
KAVALI - 524 201, SPSR Nellore (Dt) A.P

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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Programme Outcomes

1. Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2. Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

PROGRAMME SPECIFIC OUTCOMES:

PSO	PSO STATEMENTS
PSO-I	Analyze industrial electrical challenges by applying knowledge of fundamental electrical circuits, electronics and drives.
PSO-II	Apply standard practices in electrical power and control systems with safety and societal considerations.
PSO-III	Develop electrical systems innovatively to accomplish successful career and higher education.

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VISION OF THE DEPARTMENT

"To be recognized for producing meritorious electrical engineers with research proficiency and social commitment"

MISSION OF THE DEPARTMENT

M1: Impart quality education with practice-based learning in producing electrical engineers with ethical values.

M2: Encourage the faculty and students to acquire mastery in cutting edge technologies.

M3: Implement research activities with social commitment.

PROGRAMME EDUCATIONAL OBJECTIVES (PEOS)

The Graduate will

PEO I: Acquire a profound knowledge for a successful career in electrical engineering and allied fields.

PEO II: Pursue higher education and involve in research activities of electrical and electronics engineering.

PEO III: Exhibit intellectual skills ethically and pursue life-long learning with social commitment.

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO I: Analyze electrical engineering problems by applying fundamental knowledge of mathematics, science and engineering.

PSO II: Design and investigate electrical systems with safety and societal considerations.

PSO III: Apply suitable techniques to modern engineering and data interpretation.

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PBR Visvodaya Institute of Technology & Science
KAVALI - 524 201, SPSR Nellore (Dt) A.P

PROGRAM OUTCOMES

Engineering Graduates will be able to:

1. **Engineering knowledge**: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

2. **Problem analysis**: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

3. **Design/development of solutions**: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

4. **Conduct investigations of complex problems**: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

5. **Modern tool usage**: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

6. **The engineer and society**: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

7. **Environment and sustainability**: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

8. **Ethics**: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

9. **Individual and team work**: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

10. **Communication**: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

11. **Project management and finance**: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

12. **Life-long learning**: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

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ARVATHAREDDY BABUL REDDY
VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

R15 BATCH CO-PO MAPPING- EEE-I.B.Tech

		COs	CO ATT. (%)	PO1 (K3)	PO2 (K4)	PO3 (K5)	PO4 (K5)	PO5 (K5)	PO6 (K6)	PO7 (K3)	PO8 (K3)	PO9 (K4)	PO10 (K3)	PO11 (K3)	PO12 (K5)
1	Communicative English	CO1 (K4)		1							2	1	3		
		CO2 (K5)		2	1		2			1	1		3		
		CO3 (K4)		2	2					2	1	2	3		
		CO4 (K3)									2		3		
		CO5 (K3)								2	1		3		
		Average		1.667	1.5		2			1.667	1.4	1.5	3		
2	Engineering Physics	CO1 (K3)		3	2	1									1
		CO2 (K2)		2	1										
		CO3 (K4)		3	3	2	2								
		CO4 (K3)		2	2	1	1								1
		CO5 (K2)		2	1	1	1								1
		Average		2.4	1.8	1.25	1.333								1
3	Engineering Chemistry	CO1 (K5)		3	3			3	2	2	2	3	2	2	1
		CO2 (K4)		2				1				3	2	1	2
		CO3 (K3)		2				2			2	3			1
		CO4 (K4)		3	2			3	2	2	2	3	2	1	2
		CO5 (K4)		2	2			3	1		2	3			2
		Average		2.4	2.333			2.4	1.667	2	2	3	2	1.333	1.6

4	Mathematics - I	CO1 (K3)		3	3	1	1	1									
		CO2 (K3)		3	2	1	1	1									
		CO3 (K4)		3	3	2	2	1									
		CO4 (K3)		3	3	3	2	1									
		CO5 (K5)		3	3	1	2	3									
		Average		3	2.8	1.6	1.6	1.4									
5	Programming in C & Data Structures	CO1 (K3)		3	2	1											
		CO2 (K3)		3	2	1											
		CO3 (K3)		3	2	1											
		CO4 (K2)		2	1												
		CO5 (K3)		3	2	1											
		Average		2.8	1.8	1											
6	Mathematics - II	CO1 (K1)		3	2	1	1	1									
		CO2 (K3)		2	2	1	1	1									
		CO3 (K3)		3	3	2	1										
		CO4 (K2)		3	3	2	2	1									3
		CO5 (K1)		3	3	3	2	1									
		Average		2.8	2.6	1.8	1.4	1									3
7	Electrical circuits	CO1(K-3)		3	2	1	1										
		CO2(K-4)		3	3	2	2										1
		CO3(K-4)		3	3	2	2										
		CO4(K-3)		3	2	1	1										1
		CO5(K-4)		3	3	2	1										1
		Average		3	2.6	1.6	1.4										1
		CO1 (K2)		3	1	1											1
		CO2 (K3)		3	2	1											1

8	Programming in C & Data Structures Lab	CO3 (K3)			2	1										1
		CO4 (K3)		3	2	1										1
		CO5 (K3)		3	1	1										1
		Average		3	1.6	1										1
9	Engineering Physics & Engineering Chemistry Lab	CO1 (K4)		3	3	2	1									
		CO2 (K3)		3	2	1	1									2
		CO3 (K5)		3	3	3	3									
		CO4 (K4)		2				1				3	2	1	2	
		CO5 (K4)		3	2			3	2	2	2	3	2	1	2	
		Average		2.8	2.5	2	1.667	2	2	2	2	3	2	1	2	
10	Engineering & IT worksho	CO1 (K4)		2		2		2			2	1	2		1	
		CO2 (K3)		2				2			2	1	2		2	
		CO3 (K5)		2				3			2	1	2		2	
		CO4 (K4)				2		3				1			3	
		CO5 (K4)				2		3				3			3	
		Average		2		2		2.6			2	1.4	2		2.2	
11	English Language Comm. Skills Lab	CO1 (K2)										3	3			
		CO2 (K3)										3	3			
		CO3 (K5)										3	3			
		CO4 (K4)										3	3			
		CO5 (K3		2								3	3		2	
		Average		2								3	3		2	

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		COs	CO ATT. (%)	PO1 (K3)	PO2 (K4)	PO3 (K5)	PO4 (K5)	PO5 (K5)	PO6 (K6)	PO7 (K3)	PO8 (K3)	PO9 (K4)	PO10 (K3)	PO11 (K3)	PO12 (K5)
1	Mathematics -III	CO1		3	2										
		CO2		3	2										
		CO3		3	2										
		CO4 (K3		3	2										
		CO5		3	2										
		CO6		3	2										
		Average		3	2										
2	Environmental Science	CO1		2	2				2	3	3	3	2	2	3
		CO2			2		2		3	2	3	2	2	3	2
		CO3		1	2	1	1	2	2	2	2	2	2	1	2
		CO4				1		1		2	3	2	3	1	2
		CO5			1	1	1	2	1	2	2	3	2		3
		Average		1.5	1.75	1	1.3333	1.6667	2	2.2	2.6	2.4	2.2	1.75	2.4
3	Fluid Mechanics and Hydraulic Machinery	CO1		2	1										
		CO2		3	2	1	1								
		CO3		3	3	2	1								
		CO4		3	1										
		CO5		2	1	1	1								
		Average		2.6	1.6	1.3333	1								
4	Electronic Devices and circuits	CO1		2	1										
		CO2		2	1	1									
		CO3		2	1	1									
		CO4		3	2	1	1								
		CO5		3	3	3									
		CO6		3	3	2	1								
		Average		2.5	1.8333	1.6	1								

5	Engineering Graphics	CO1		3	1	1							3		
		CO2		3	3	2							3		
		CO3		3	1	1							3		
		CO4		3	3	3							3		
		CO5		2	2	3	1						3		
		Average		2.8	2	2	1						3		
6	Electrical Machines –I	CO1		3	2	1			1						
		CO2		3	3	2	2	1							
		CO2		3	3	2	2	1							
		CO4		3	3	2	2	1							
		CO5		3	3	2	2	1							
		CO6		3	3	2	2	1							
		Average		3	2.8333	1.8333	2	1	1						
7	Fluid Mechanics and Hydraulic Machinery Lab	CO1										3	3		
		CO2										3	3		
		CO3										3	3		
		CO4										3	3		
		CO5					3					3	3		
		Average					3					3	3		
8	Electric circuits and Simulation Lab	CO1						2	1		3				
		CO2						3	2		3				
		CO3						2	1		3				
		CO4						2	1		3				
		CO5						3	3		3				
		CO6						2	1		3				
		Average						2.3333	1.5		3				

9	Electromagnetic Fields	CO1			3	2	1	1								
		CO2		3	3	2	2	1								
		CO3		3	3	2	1	1								
		CO4		3	3	2	2	1								
		CO5		3	2	1	1	1	1							
		Average		3	2.8	1.8	1.4	1	1							
10	Control Systems Engineering	CO1		3	3	2	2	2								
		CO2		3	3	2	2	1								
		CO3		3	2	1										
		CO4		3	3	2	2	1								
		CO5		3	2	3	2	3								
		Average		3	2.6	2	2	1.75								
11	ANALOG ELECTRONICS CIRCUITS	CO1		3	3	3	3	3	1							
		CO2		3	3	2	2	2								
		CO3		3	3	2	2	2								
		CO4		3	3	3	3	3								
		CO5		3	3	3	3	3								
		Average		3	3	2.6	2.6	2.6	1							
12	SWITCHING THEORY & LOGIC DESIGN	CO1		2	1											
		CO2		3	2											
		CO3		3	3	3	3									
		CO4		2	1											
		CO5		3	3	3	3									
		CO6		3	3	3	2									
		Average		2.6667	2.1667	3	2.6667									
		CO1		2												
		CO2		2												

13	Electrical Power Generating Systems	CO3			2											
		CO4		2	1											
		CO5		2	1											
		CO6		2	1											
		CO7		3	3											
		Average		2.2857	1.6											
14	Electrical Machines –II	CO1		3	3	2	2	2								
		CO2		3	2	1	1	1								
		CO3		3	3	2	2	2								
		CO4		3	3	2	2	2								
		CO5		3	2	1	1	1								
		CO6		3	3	3	3	3								
		Average		3	2.67	1.83	1.83	1.83								
15	Electrical Machines Lab -I	CO1		3	3	2	2		1		2	3				
		CO2		3	3	2	2	1	1		2	3				
		CO2		3	3	2	2	1	1		2	3				
		CO4		3	3	2	2	1	1		2	3				
		CO5		3	3	3	3	1	1		2	3				
		Average		3	3	2.2	2.2	1	1		2	3				
16	ELECTRONIC DEVICES & CIRCUITS LAB	CO1				1	3		2							
		CO2		3	3	3	2		2							
		CO3		3	3	3	3		2							
		CO4		3	3	3	2		2							
		CO5		3	3	3	3		2							
		Average		3	3	2.6	2.6		2							

R[illegible] BATCH CO-PO MAPPING- EEE-III.B.T[illegible]h

		COs	CO ATT. (%)	PO1 (K3)	PO2 (K4)	PO3 (K5)	PO4 (K5)	PO5 (K5)	PO6 (K6)	PO7 (K3)	PO8 (K3)	PO9 (K4)	PO10 (K3)	PO11 (K3)	PO12 (K5)
1	Managerial Economics and Financial Analysis	CO1		2	1	1									
		CO2		3	3	2	2								
		CO3		2	1	1									
		CO4		2	1	1									
		CO5		3	2	1									
		Average		2.4	1.6	1.2	2								

		COs	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
2	Electrical & Electronic Measuring Instruments	CO1		2	1	1	1	1							
		CO2		2	1	1	1	1							
		CO3		3	2	1	1	1							
		CO4		3	2	1	1	1							
		CO5		2	1	1	1	1							
		Average		2.4	1.4	1	1	1							

		COs	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
3	Linear & Digital IC Applications	CO1		2	1	1	1	1							
		CO2		2	1	1	1	1							
		CO3		3	2	1	1	1							
		CO4		3	2	1	1	1							
		CO5		2	1	1	1	1							
		Average		2.4	1.4	1	1	1							

4	Electrical Power Transmission Systems	CO1		3	3	2	2	2							
		CO2		3	3	3	3	3							
		CO3		3	3	2	2	2							
		CO4		3	3	2	2	2							

	Transmission Systems	CO5			1										
		CO6		3	3	2	2	2							
			Average	2.8333	2.6667	2.2	2.2	2.2							
5	Power Electronics	CO1		3	2	1									
		CO2		3	3	2	2								
		CO3		3	3	2	2								
		CO4		3	2	1	1								1
		CO5		2	1										
			Average	2.8	2.2	1.5	1.6667								1
6	Electrical Machines – III	CO1		2	1										
		CO2		3	3		2								
		CO3		1	3	3	3								
		CO4		3	3										
		CO5		2	1										
			Average	2.2	2.2	3	2.5								
7	Electrical Machines Lab – I	CO1						3	3		3				
		CO2						2	1		2				
		CO3						2	1		2				
		CO4						3	3						
		CO5						3	2		1				
			Average					2.6	2		2				
8	Control Systems and Simulation Lab			**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**	**PO10**	**PO11**	**PO12**
		CO1						2	1		3				
		CO2						1	2		3				
		CO3						3	2		3				
		CO4						1	2		3				
		CO5						2	1		3				

		CO6						1			3				
		Average						1.6667	1.5		3				
9	Human Values & Professional Ethics(Audit course)	CO1				2			3	3	3		2	2	2
		CO2				1			3	2	3		2	2	2
		CO3				2			3	3	3		2	2	2
		CO4				2			3	3	3		2	2	2
		CO5				2			3	3	3		2	2	2
		CO6				2			3	3	3		2	2	2
		Average				1.8333			3	2.8333	3		2	2	2
II SEM															
10	Power Semiconductor Drives	CO1		3	3	2	1								
		CO2		3	2	1	1								
		CO3		3	3	2	2	1							
		CO4		3	2	1	1								
		CO5		2	1										
		Average		2.8	2.2	1.5	1.25	1							
11	Power System Protection	CO1		3	2	1									
		CO2		2	1										
		CO3		2	1										
		CO4		3	2	1	1	1							
		CO5		3	3	2	2	2	1						
		Average		2.6	1.8	1.3333	1.5	1.5	1						
12	Microprocessors and Microcontrollers	CO1		2	1	1									
		CO2		2	1	1									
		CO3		3	3	3	3	2							
		CO4		3	2	3	2	2							
		CO5		2	1	1									
		Average		2.4	1.6	1.8	2.5	2							

13	Power System Operation and Control	CO1 (k2)		2	1										
		CO2		2	1										
		CO3		3	3	2	2	2							
		CO4		2	1										
		CO5		2	1										
		CO6		3	2	1									
			Average	2.3333	1.5	1.5	2	2							
14	Power System Analysis	CO1		3	3	3	3								
		CO2		3	3	2	2								
		CO3		3	2	1	1								
		CO4		3	2	1	1								
		CO5		3	2	1	1								
			Average	3	2.4	1.6	1.6								
15	Nueral Networks and Fuzzy Logic	CO1		2	1			1							
		CO2		3	2	1	1								
		CO3		3	2	1	2								
		CO4		3	3	2	2								
		CO5		3	2	1	2								
			Average	2.8	2	1.25	1.75	1							
16	Power Systems and Simulation Lab	CO1						2	1		3				
		CO2						2	1		3				
		CO3						2	1		3				
		CO4						3	2		3				
		CO5						3	2		3				
		CO6						3	2		3				
			Average					2.5	1.5		3				

17	Electrical Measurements Lab	CO1			3	2	2	2									
		CO2			1	2	2	2	3								
		CO3			1	2	2	2	3								
		CO4		3	3	2	2	2	1								
		CO5		3	3	2	2	2	1								
		Average		3	2.2	2	2	2	1.8								
18	Comprehensive Online Examination-II			2	1									3			
				2	1									3			
				3	3	2	2	2						3			
				2	1									3			
				2	1									3			
				3	2	1								3			
		Average		2.3333	1.5	1.5	2	2						3			
19	Advanced English Communication Skills Lab	CO1 (K2)											3	3			
		CO2 (K3)											3	3			
		CO3 (K5)											3	3			
		CO4 (K4)											3	3			
		CO5 (K3		2									3	3		2	
		Average		2									3	3		2	

[illegible]5 BATCH CO-PO MAPPING- EEE-IV B.[illegible]h

		COs	CO ATT. (%)	PO1 (K3)	PO2 (K4)	PO3 (K5)	PO4 (K5)	PO5 (K5)	PO6 (K6)	PO7 (K3)	PO8 (K3)	PO9 (K4)	PO10 (K3)	PO11 (K3)	PO12 (K5)
1	Electrical Distribution Systems	CO1 (K4)		3	3	2	2	2	1						
		CO2 (K4)		3	3	2	2	1							
		CO3 (K3)		3	2	1									
		CO4 (K4)		3	3	2	2	1							
		CO5 (K2)		2	1	1	1								
			Average	2.8	2.4	1.6	1.75	1.3333	1						
2	Digital Signal Processing	CO1 (K4)		3	3	2	2								
		CO2 (K5)		3	3	3	3								
		CO3 (K4)		3	3	2	2								
		CO4 (K5)		3	3	3	3								
		CO5 (K5)		3	3	3	3								
			Average	3	3	2.6	2.6								
3	Management Science	CO1 (K1)		1											
		CO2 (K2)		2	1										
		CO3 (K6)		3	1	2									
		CO4 (K4)		3	3	2	2								
		CO5 (K2)		2	1										
			Average	2.2	1.5	2	2								
4	Utilization of Electrical Energy	CO1 (K3)		3	2	1	1	1							
		CO2 (K2)		2	1										
		CO3 (K3)		3	2	1	1	1							
		CO4 (K2)		2	1										
		CO5 (K4)		3	3	2	2	2							
			Average	2.6	1.8	1.3333	1.3333	1.3333							

5	Energy Auditing & Demand Side Management	CO1 (K2)		2	1					2	2	1			
		CO2 (K2)		2	2										
		CO3 (K3)		3	2	1									1
		CO4 (K3)		3	2	1					2	2			1
		CO5 (K2)		2	1						1	1			
			Average	2.4	1.6	1				2	1.6667	1.3333			1
6	Flexible AC Transmission Systems	CO1 K3)		3	2	1	1								
		CO2(K3)		3	2	1	1								
		CO3 (K4)		3	3	2	2								
		CO4 (K4)		3	3	2	2								
		CO5 (K3)		3	2	1	1	1		1					
			Average	3	2.4	1.4	1.4	1		1					
7	Microprocessors and Microcontrollers Laboratory	CO1 (K5)		1	2	3	3								
		CO2 (K5)		2		3	3	3							
		CO3 (K5)		2		3	3	3							
		CO4 (K3)		2	1		3	3							
		CO5 (K5)		2		3	3	3							
			Average	1.8	1.5	3	3	3							
8	Power Electronics and Simulation Laboratory	CO1 (K4)		3	3	2		3			2	3	2		1
		CO2 (K5)		3	2	3	2	3	2	2	2	3	2		2
		CO3 (K4)		2	2	2		3	2		2	2	2		2
		CO4 (K5)		2	2	2		3	3	2	3	3	1		2
		CO5 (K5)		1	1	1		3			3	3			
			Average	2.2	2	2	2	3	2.3333	2	2.4	2.8	1.75		1.75
II SEM															
9	Instrumentation	CO1 (K2)		2	1										
		CO2 (K2)		2	1										
		CO3 (K3)		3	2										

9	Instrumentation	CO4 (K4)		3	3												
		CO5 (K3)		3	2												
			Average	2.6	1.8												
10	HVDC Transmission	CO1 (K2)		2	1												
		CO2 (K2)		2	1												
		CO3 (K3)		3	2												
		CO4 (K4)		3	3												
		CO5 (K3)		3	2												
			Average	2.6	1.8												
11	Embedded Systems	CO1 (K2)		2	1												
		CO2 (K2)		2	1												
		CO3 (K3)		3	2	1											
		CO4 (K4)		3	3	2	2	2									
		CO5 (K2)		2	1												
			Average	2.4	1.6	1.5	2	2									
12	Technical Seminar	CO1(K4)															
		CO2(K4)															
		CO3(K4)															
		CO4(K2)															
		CO5(K5)															
			Average	3	1				2				3		2		
13	Project Work	CO1 (K2)		2	1								2	3			
		CO2 (K2)		2	1								2	3			
		CO3 (K5)		3	3	3	3	3	2				2	3			
		CO4 (K6)		3	3	3	3	3	3				2	3			
		CO5 (K2)		2	1					2			2	3			
			Average	2.4	1.8	3	3	3	2.5	2			2	3			

Head of Department
ELECTRICAL & ELECTRONICS ENGINEERING

2.6.3

Average pass percentage of Students during last five years

2.6.3.1.

Total number of final year students who passed the university examination year wise during the last five years

2.6.3 Average Pass Percentage of Students

2.6.3.1 Total number of final year students who passed the examination conducted by Institution

2019 - 20	2018 - 19	2017 - 18	2016 - 17	2015 - 16
173	154	182	135	158

2.6.3.2 Total number of final year students who appeared for the examination conducted by the institution

2019 - 20	2018 - 19	2017 - 18	2016 - 17	2015 - 16
200	191	216	162	178

Head of the Department
Electronics & Communication Engineering
PBR Visvodaya Institute of
Technology & Science
KAVALI - 524 201.
HOD

PBR VISVODAYA INSTITUTE OF TECHNOLOGY AND SCIENCE, KAVALI

(Affiliated to JNTUA, Ananthapuramu, Approved by AICTE, New Delhi,Accredited by NAAC with 'A' grade)

DEPARTMENT OF ECE

RESULTS: IV B.Tech. II SEM **ACADEMIC YEAR : 2019-20**

S.No	HALL TICKET NO.	NAME OF THE STUDENT	LOW	RF	CVV	SEMINAR	PROJECT	TOTAL	% of MARKS	NO OF SUB FAIL
1	16731A0401	RAJA HARSHITHA ALAHARI	51	49	49	48	192	389	77.80	0
2	16731A0402	PAVANI ALURU	64	69	50	49	197	429	85.80	0
3	16731A0403	AMULYA CHERUKURI	53	70	44	47	188	402	80.40	0
4	16731A0404	DEEPTHI VASANTHA LAKSHMI ELINDRA	67	73	49	50	197	436	87.20	0
5	16731A0405	PREMIKA GHANTASALA	58	68	46	47	193	412	82.40	0
6	16731A0407	NAVYA TEJA KARANAM	76	72	50	49	200	447	89.40	0
7	16731A0408	BHARGAVI KARNA	72	65	49	50	200	436	87.20	0
8	16731A0409	SAI MEGHANA NELLORE	50	62	49	49	193	403	80.60	0
9	16731A0410	HAZITHA KOLAPARTHI	60	80	45	47	197	429	85.80	0
10	16731A0411	PAVITRA TEJA KOMMANA	64	63	48	49	199	423	84.60	0
11	16731A0412	MANJUSHA KUSALA	65	74	49	49	197	434	86.80	0
12	16731A0413	LAKSHMI MEGHANA MACHEPALLI	65	74	46	47	200	432	86.40	0
13	16731A0414	MANJU BHARGAVI KASAVARAJU	54	66	48	49	197	414	82.80	0
14	16731A0415	VENKATA RADHA KUMARI PABBISETTY	69	73	50	48	200	440	88.00	0
15	16731A0416	VENKATA DIVYA PADE	60	62	50	50	200	422	84.40	0
16	16731A0417	SUHARSHITHA PARITALA	58	64	44	47	194	407	81.40	0
17	16731A0418	SHALIN PATTAN	49	57	47	47	196	396	79.20	0
18	16731A0419	MOHINI SRI PENTYALA	60	66	49	50	197	422	84.40	0
19	16731A0420	YAMINI SAJJA	61	68	47	50	200	426	85.20	0
20	16731A0421	FASIYA SULTHANA SHAIK	61	74	49	49	194	427	85.40	0
21	16731A0422	MUSHTHAFA SK	53	57	50	48	199	407	81.40	0

S.No	HALL TICKET NO.	NAME OF THE STUDENT	LOW	RF	CVV	SEMINAR	PROJECT	TOTAL	% of MARKS	NO OF SUB FAIL
22	16731A0423	SAI CHAITRIKA SUGGISETTY	52	58	48	50	196	404	80.80	0
23	16731A0424	SRAVYA TIRUMALASETTY	65	87	50	50	200	452	90.40	0
24	16731A0425	AMULYA VADLAMUDI	48	86	44	45	184	407	81.40	0
25	16731A0426	NANDINI VANIPENTA	61	65	48	47	190	411	82.20	0
26	16731A0427	VINEETHA YALLA	65	71	49	48	200	433	86.60	0
27	16731A0428	LAKSHMI MANASA YARRAMANENI	60	88	50	50	193	441	88.20	0
28	16731A0429	MANOJ KUMAR AMRUTHAM	65	46	48	50	200	409	81.80	0
29	16731A0430	LOKESH VENKAT CHENNAMRAJA	[redacted]	51	40	48	189	365	73.00	1
30	16731A0431	NITHEESH KUMAR REDDY KODURU	64	74	48	47	193	426	85.20	0
31	16731A0432	RASOOL PARUCHURU	52	86	50	48	200	436	87.20	0
32	16731A0433	PRAVEEN KUMAR POTLURU	[redacted]	56	49	49	193	387	77.40	1
33	16731A0434	BRAHMA TEJA TALLURI	52	69	50	50	194	415	83.00	0
34	16731A0435	KEERTHANA ARCOT	61	82	47	48	196	434	86.80	0
35	16731A0436	SAI LAKSHMI PRAMEELA CHENNAMSETTY	51	68	46	49	187	401	80.20	0
36	16731A0437	HARSHITHA VIRAT CHITTATURU	63	81	46	48	194	432	86.40	0
37	16731A0438	HEMALATHA DALUVAI	61	64	45	47	196	413	82.60	0
38	16731A0439	SUMANJALI ERLA	70	72	49	50	200	441	88.20	0
39	16731A0440	VISHNU PRIYA GOPAVARAPU	66	61	49	49	199	424	84.80	0
40	16731A0441	SIREESHA JAMMU	62	84	47	49	200	442	88.40	0
41	16731A0442	SREELEKHA KASARU	54	62	44	44	189	393	78.60	0
42	16731A0444	SUDHA RANI MALLAVARAPU	59	74	46	47	194	420	84.00	0
43	16731A0445	VENKATA ALEKHYA MODADUGU	65	80	47	47	200	439	87.80	0
44	16731A0446	BHAGYALAKSHMI PALAVALLI	62	66	48	50	197	423	84.60	0
45	16731A0447	RAGHAVI PALLAPU	71	88	48	49	197	453	90.60	0

S.No	HALL TICKET NO.	NAME OF THE STUDENT	LOW	RF	CVV	SEMINAR	PROJECT	TOTAL	% of MARKS	NO OF SUB FAIL
46	16731A0448	CHANDANA POTHUGUNTA	64	69	50	49	196	428	85.60	0
47	16731A0449	KAVYA PUJALA	58	87	46	48	197	436	87.20	0
48	16731A0450	DIVYA SREE SINGAVARAPU	62	73	50	50	200	435	87.00	0
49	16731A0451	SAFIA SK	75	82	48	48	194	447	89.40	0
50	16731A0452	CHANDANA TALLURI	69	87	46	48	194	444	88.80	0
51	16731A0453	SAI SOWMYA THOTA	53	62	44	47	165	371	74.20	0
52	16731A0454	JYOTHSNA THUMMUKURU	51	66	44	47	197	405	81.00	0
53	16731A0455	VALLABHA ALAHARI	62	64	47	48	197	418	83.60	0
54	16731A0456	SUBBANAIDU BELLAMKONDA	63	77	47	49	191	427	85.40	0
55	16731A0457	MAHENDRA REDDY DEVIREDDY	62	64	47	48	190	411	82.20	0
56	16731A0459	ALLURAIAH GORANTLA	60	64	40	44	184	392	78.40	0
57	16731A0460	SAI KUMAR GOWRABATHINI	67	64	48	49	190	418	83.60	0
58	16731A0461	PAVAN KUMAR KAPA	58	70	46	46	196	416	83.20	0
59	16731A0462	UMESH CHANDRA KOMMI	41	53	42	42	189	367	73.40	0
60	16731A0463	MANOJ KUMAR MANDA	63	54	45	47	184	393	78.60	0
61	16731A0464	NAVEEN KUMAR PELLURU	59	79	44	45	187	414	82.80	0
62	16731A0466	SETTY DEEPAK RASAM	58	63	46	49	191	407	81.40	0
63	16731A0467	SAI KRISHNA TADIKAMALLA	43	57	41	46	183	370	74.00	0
64	16731A0468	MAHESH TAMMINENI	67	77	48	48	193	433	86.60	0
65	16731A0469	NARASIMHA KISHORE THOTA	50	[redacted]	42	40	181	347	69.40	1
66	16731A0470	VENKATA NAGA LAKSHMI SUMABALA AVADHANAM	63	79	49	49	197	437	87.40	0
67	16731A0471	SUNANDA BIJIVEMULA	66	71	47	46	191	421	84.20	0
68	16731A0472	SRUTHI BONTHA	54	60	38	41	186	379	75.80	0
69	16731A0473	SUSHMA BOREDDY	53	67	47	48	193	408	81.60	0

S.No	HALL TICKET NO.	NAME OF THE STUDENT	LOW	RF	CVV	SEMINAR	PROJECT	TOTAL	% of MARKS	NO OF SUB FAIL
70	16731A0474	GRISHMA PRIYA BUCHI	52	69	42	44	189	396	79.20	0
71	16731A0475	VINEETHA CHEJARLA	54	78	48	49	197	426	85.20	0
72	16731A0476	PRIYANKA CHIDUGU	54	61	44	45	197	401	80.20	0
73	16731A0477	SRAVANI DUNNUTHALA	52	63	41	41	193	390	78.00	0
74	16731A0478	MONIKA EKAMBARAM	72	62	47	49	199	429	85.80	0
75	16731A0479	CHIRA DEEPTHI GAJJE	80	85	49	50	200	464	92.80	0
76	16731A0480	SUKANYA GUNUPATI	50	61	45	41	195	392	78.40	0
77	16731A0481	LAKSHMI KAIPU	47	57	42	45	192	383	76.60	0
78	16731A0482	SAMYUKTHA KAKARLA	63	68	42	43	192	408	81.60	0
79	16731A0483	DEVIKA KANDULA	57	60	44	43	192	396	79.20	0
80	16731A0484	SOWJANYA KONDURU	50	62	43	44	193	392	78.40	0
81	16731A0485	TEJASWINI MANEPALLI	44	51	44	43	183	365	73.00	0
82	16731A0486	MANI CHANDANA PASUPULETI	54	67	42	46	193	402	80.40	0
83	16731A0488	VASUDHA PONKU	52	48	38	42	177	357	71.40	0
84	16731A0489	VENKATA SUNAYANA SATUPATTI	52	50	41	46	189	378	75.60	0
85	16731A0491	HARSHINI SIRIGIRI	60	66	43	42	189	400	80.00	0
86	16731A0492	NIKITHA THALLA	61	68	47	47	199	422	84.40	0
87	16731A0493	CHANDU PRIYA TIPPIREDDY	58	61	41	46	187	393	78.60	0
88	16731A0494	AMANI VENNETI	54	58	41	42	192	387	77.40	0
89	16731A0495	SAI BHANU YARTHA	56	69	43	41	187	396	79.20	0
90	16731A0496	HARSHAVARDHAN CHERUKUMALLI	61	55	47	49	199	411	82.20	0
91	16731A0497	SAI KIRAN CHIGURUPATI	52	55	43	48	193	391	78.20	0
92	16731A0498	SAI CHARAN DARUKUMALLI	49	48	44	41	181	363	72.60	0
93	16731A04A0	AMEER KHAN PATHAN	59	53	47	49	195	403	80.60	0

S.No	HALL TICKET NO.	NAME OF THE STUDENT	LOW	RF	CVV	SEMINAR	PROJECT	TOTAL	% of MARKS	NO OF SUB FAIL
94	16731A04A1	PRANAYAMALA ALLAMPATI	61	61	46	49	193	410	82.00	0
95	16731A04A2	ANITHA BIJIVEMULA	59	73	47	46	200	425	85.00	0
96	16731A04A3	SRAVANTHI GOPAVARAM	70	69	45	45	199	428	85.60	0
97	16731A04A4	ANITHA GOURAVARAPU	52	57	45	44	194	392	78.40	0
98	16731A04A5	REDDY KASTHURI KATTAM	44	58	45	48	191	386	77.20	0
99	16731A04A6	RAMYA KESINENI	54	53	38	42	176	363	72.60	0
100	16731A04A7	HIMA BINDU KODURU	51	61	42	44	195	393	78.60	0
101	16731A04A8	LAKSHMI APARNA MADANURU	67	66	48	49	199	429	85.80	0
102	16731A04A9	JAYATHI MEDA	55	62	46	48	197	408	81.60	0
103	16731A04B0	CHARITHA NAGELLA	46	47	43	43	168	347	69.40	0
104	16731A04B1	PRAVEENA NARRAVULA	62	71	46	49	196	424	84.80	0
105	16731A04B2	AITHAMBA NASANA	40	48	41	45	177	351	70.20	0
106	16731A04B3	ARSHYA BANU SD	[redacted]	65	41	48	187	380	76.00	1
107	16731A04B4	HARIKA THUMMALA	65	64	43	48	194	414	82.80	0
108	16731A04B5	VENKATA SUCHARITHA KUMARI VELLAMPALLI	54	60	43	41	191	389	77.80	0
109	16731A04B7	SOMANADH BAYYA	46	50	41	41	174	352	70.40	0
110	16731A04B8	PRASANNA KUMAR BEZAWADA	47	[redacted]	40	42	191	354	70.80	1
111	16731A04B9	RANGANATH BOYA	50	64	45	42	184	385	77.00	0
112	16731A04C1	UDAY KUMAR DASARI	57	54	50	49	199	409	81.80	0
113	16731A04C2	VIKAS KUMAR GORREPATI	55	58	41	40	189	383	76.60	0
114	16731A04C3	VINAY KUMAR GUNAPATI	52	59	42	40	193	386	77.20	0
115	16731A04C4	P V RAHUL KANDALA	[redacted]	[redacted]	36	37	176	313	62.60	2
116	16731A04C5	NAVEEN MATCHA	53	45	41	45	176	360	72.00	0
117	16731A04C6	LOKESH PERAM	[redacted]	[redacted]	37	40	176	313	62.60	2

S.No	HALL TICKET NO.	NAME OF THE STUDENT	LOW	RF	CVV	SEMINAR	PROJECT	TOTAL	% of MARKS	NO OF SUB FAIL
118	16731A04C7	VENKATA SAI SUMANTH POLISETTY	47	59	44	43	187	380	76.00	0
119	16731A04C8	LIKHITH ROSHAN PULIPATI	51	50	43	42	185	371	74.20	0
120	16731A04C9	ESWAR SEELAM	49	61	44	41	189	384	76.80	0
121	16731A04D0	YASWANTH SURAM	48	64	38	33	180	363	72.60	0
122	16731A04D1	ANIRUDH VASIPALLI	48	48	36	31	164	327	65.40	0
123	16731A04D2	POOJITHA ADURI	51	54	41	44	186	376	75.20	0
124	16731A04D3	DIVYA VANI ALAVALA	78	68	43	44	191	424	84.80	0
125	16731A04D4	VYSHNAVI BASAM	53	53	46	47	196	395	79.00	0
126	16731A04D5	ANUSHA DAMAMCHARLA	48	60	41	45	190	384	76.80	0
127	16731A04D6	PAVITHRA DOMMARAJU	[redacted]	[redacted]	37	41	182	293	58.60	2
128	16731A04D7	VENKATASARANYA GOPISETTY	52	67	46	44	199	408	81.60	0
129	16731A04D8	HARIKA GURIJALA	54	69	46	48	199	416	83.20	0
130	16731A04D9	SUREKHA KALVAKURI	65	72	40	42	184	403	80.60	0
131	16731A04E0	AMRUTHA KOTHAPALLI	68	80	46	48	197	439	87.80	0
132	16731A04E1	CHENNA KUMARI MALLIREDDY	65	81	41	44	187	418	83.60	0
133	16731A04E2	SRAVANI NAKKALA	65	75	43	48	186	417	83.40	0
134	16731A04E3	GOURIPRIYA NUTHETI	40	[redacted]	39	37	180	327	65.40	1
135	16731A04E5	HARI PRIYA POTHARAJU	54	62	40	42	193	391	78.20	0
136	16731A04E6	RAMYA PUNUGOTI	59	61	43	49	177	389	77.80	0
137	16731A04E7	HIMACHANDANA REVURU	52	53	42	42	195	384	76.80	0
138	16731A04E8	AFRIN SHAIK	55	57	47	48	197	404	80.80	0
139	16731A04E9	LAKSHMI SAHITHI VARDHINENI	62	76	47	47	199	431	86.20	0
140	16731A04F2	DAMODAR RAJU BALARAJU	62	76	45	47	198	428	85.60	0
141	16731A04F3	KRISHNA SAI DASARI	44	58	46	47	195	390	78.00	0

S.No	HALL TICKET NO.	NAME OF THE STUDENT	LOW	RF	CVV	SEMINAR	PROJECT	TOTAL	% of MARKS	NO OF SUB FAIL
142	16731A04F4	HEMANTH DURGAM	65	71	46	47	196	425	85.00	0
143	16731A04F5	NAGASAISANKARA ADITHYA KARUSALA	43	68	42	44	180	377	75.40	0
144	16731A04F6	NARASIMHA CHAITANYA KOLLI	[illegible]	53	41	36	171	337	67.40	1
145	16731A04F7	PRASANTH KOPPARTHI	44	59	41	49	178	371	74.20	0
146	16731A04F9	VENKATA PRASAD MULI	49	62	43	50	180	384	76.80	0
147	16731A04G0	VINAY KUMAR REDDY MURUKUTI	[illegible]	49	36	34	176	323	64.60	1
148	16731A04G1	VISHNU VARDHAN NIMMALA	47	58	41	41	189	376	75.20	0
149	16731A04G2	MANI RAJA PANDI	[illegible]	41	40	48	169	316	63.20	1
150	16731A04G3	VENUGOPAL PERNAMITTA	54	68	46	47	192	407	81.40	0
151	16731A04G4	BALAJI PONGURI	46	61	41	42	183	373	74.60	0
152	16731A04G5	NAVEEN SIVALINGAM	46	61	40	42	170	359	71.80	0
153	16731A04G6	ABHINAY THANGUTURI	[illegible]	48	44	43	196	368	73.60	1
154	16731A04G7	VIMAL PRASAD THEEATLA	[illegible]	56	40	43	190	369	73.80	1
155	16731A04G8	DUGGI REDDY THIMMAREDDY	47	54	41	49	169	360	72.00	0
156	16731A04G9	CHANDRASEKHAR VELURI	[illegible]	[illegible]	40	48	174	333	66.60	2
157	16731A04H0	KARTHI ALLADI	[illegible]	[illegible]	38	40	176	311	62.20	2
158	16731A04H1	CHANDINI BATTULA	45	65	40	49	177	376	75.20	0
159	16731A04H3	SUKRUTHA BODDUKURU	43	55	39	40	181	358	71.60	0
160	16731A04H4	MOUNIKA BORRA	58	78	41	47	180	404	80.80	0
161	16731A04H5	YASASWINI DAGUMATI	53	66	42	41	193	395	79.00	0
162	16731A04H6	CHANDANA GANTA	50	58	40	47	180	375	75.00	0
163	16731A04H7	AMRUTHA VARSHINI KONDAPALLI	49	59	41	47	175	371	74.20	0
164	16731A04H9	NAVYA KRISTIPATI	[illegible]	[illegible]	41	39	185	337	67.40	2
165	16731A04I0	MADHURI PALAVALLI	41	62	39	48	169	359	71.80	0

S.No	HALL TICKET NO.	NAME OF THE STUDENT	LOW	RF	CVV	SEMINAR	PROJECT	TOTAL	% of MARKS	NO OF SUB FAIL
166	16731A04I1	HIMA BINDHU POLU	[redacted]	[redacted]	41	39	185	301	60.20	2
167	16731A04I2	JAHNAVI RAVULA	40	63	39	44	187	373	74.60	0
168	16731A04I3	SUMA YARATI	49	49	41	44	183	366	73.20	0
169	16731A04I4	LAKSHMAN KUMAR YADAV ADONI	49	55	41	49	175	369	73.80	0
170	16731A04I6	VENKATASAITEJA CHIRRA	[redacted]	51	40	48	163	334	66.80	1
171	16731A04I8	MURALI GIDDALURU	[redacted]	43	35	30	174	298	59.60	1
172	16731A04J0	DILEEP KUMAR KRISHNAMSETTY	[redacted]	58	35	44	168	331	66.20	1
173	16731A04J1	SUDHEER NALLURI	[redacted]	50	41	40	189	341	68.20	1
174	16731A04J2	VAMSI OODA	[redacted]	52	40	48	174	344	68.80	1
175	16731A04J4	BHANU PRAKASH PODHULLA	[redacted]	[redacted]	35	42	152	284	56.80	2
176	16731A04J5	PAVAN KUMAR ACHARI SANNAMURI	48	75	48	50	190	411	82.20	0
177	16731A04J6	MAHAMMED SHAIK	43	54	44	41	190	372	74.40	0
178	16731A04J7	MEHATAAB ALAM SHAIK	43	44	41	42	183	353	70.60	0
179	16731A04K0	RAVI TEJA VEDAGIRI	46	52	46	49	169	362	72.40	0
180	16731A04K1	CHAITANYA VELPULA	45	59	42	49	180	375	75.00	0
181	16731A04K6	MADHAVI KOLLURU	77	78	46	50	185	436	87.20	0
182	16731A04K8	VENKATA SANDHYA RANI PONKU	46	49	40	48	169	352	70.40	0
183	16731A04L0	LAKSHMI SRADDHA VEMULA	66	72	50	50	190	428	85.60	0
184	16731A04L1	NIKITHA BADVELI	[redacted]	[redacted]	43	48	159	317	63.40	2
185	16731A04L3	VIJAY SAGAR CHEJARLA	52	57	39	47	157	352	70.40	0
186	16731A04L4	MAHESH DASARI	47	49	41	44	164	345	69.00	0
187	16731A04L6	JAYA SUMAN GORANTLA	50	66	44	44	158	362	72.40	0
188	16731A04L7	MADHAN KUMAR GURRALA	[redacted]	[redacted]	35	30	155	252	50.40	2
189	16731A04L8	NAGENDRA PRASAD JAGANNADAM	49	57	43	49	185	383	76.60	0

S.No	HALL TICKET NO.	NAME OF THE STUDENT	LOW	RF	CVV	SEMINAR	PROJECT	TOTAL	% of MARKS	NO OF SUB FAIL
190	16731A04M1	THAHEER MOHAMMAD	40	47	35	31	167	320	64.00	0
191	16731A04M3	PRASANNAKUMAR THATHA	42	55	36	46	159	338	67.60	0
192	16731A04M4	VENKATESWARLU REDDY VEMIREDDY	50	48	39	48	159	344	68.80	0
193	16731A04M5	NARASIMHA TEJA RAVURU	53	56	49	50	190	398	79.60	0
194	16731A04M6	VENKATA SAI CHETAN TALLURU	54	51	38	43	158	344	68.80	0
195	16731A04M7	SAI SAHITHI KRISHNA NALLURI	75	82	50	50	188	445	89.00	0
196	17735A0401	KANIYAMPATI BHUVANESWARI	42	52	41	47	169	351	70.20	0
197	17735A0402	MUPPA MOUNIKA	70	76	50	50	192	438	87.60	0
198	15731A04I5	KONETI VYSHNAVI	49	51	37	48	158	343	68.60	0
199	15731A04I8	CHIMMANA SARATH KUMAR	52	48	37	42	173	352	70.40	0
200	15731A04K0	MADALA VENKATA NAVEEN	[redacted]	57	34	33	169	327	65.40	1

NO OF STUDENTS REG	200
NO OF STUDENTS PASS	173
NO OF STUDENTS FAIL	27
PASS %	**86.5**

S.NO	SUBJECT	PASS	FAIL	PASS%	HIGH.MARK	AVG.MARK
1	LOW POWER VLSI CIRCUIT & SYSTEMS	176	24	88	80	52.6
2	RF INTEGRATED CIRCUITS	187	13	93.5	88	61.18
3	COMPREHENSIVE VIVA-VOCE	200	0	100	50	43.8
4	TECHNICAL SEMINAR	200	0	100	50	45.5
5	PROJECT WORK	200	0	100	200	187.13

Faculty In-Charge

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(Affiliated to JNTUA, Ananthapuramu, Approved by AICTE, New Delhi,Accredited by NAAC with 'A' grade)

DEPARTMENT OF ECE

RESULTS: IV B.Tech. II SEM **ACADEMIC YEAR : 2018-19**

S.No	HALL TICKET NO.	NAME OF THE STUDENT	LOW	RF	CVV	SEMINAR	PROJECT	TOTAL	% of MARKS	NO OF SUB FAIL
1	15731A0401	ADDEPALLI SWETHA SRI	50	57	40	44	172	363	72.60	0
2	15731A0402	ALAVALAPATI SAHITHYA	33	51	40	46	168	338	67.60	1
3	15731A0403	ALLURI MAHESWARI	42	45	38	40	162	327	65.40	0
4	15731A0404	BAPATLA PRAVEEN	59	56	43	42	170	370	74.00	0
5	15731A0405	BOYAPATI PRATHYUSHA	62	52	46	48	197	405	81.00	0
6	15731A0406	CHALLA HARSHA RAJ	56	34	41	37	171	339	67.80	1
7	15731A0407	CHENNA ROHITHA	68	78	46	47	197	436	87.20	0
8	15731A0408	CHEVALA SAI RAM NAVEEN	56	52	43	48	191	390	78.00	0
9	15731A0409	CHEVALA VENKATA SAI NIKHITHA	67	48	49	49	199	412	82.40	0
10	15731A0410	CHINTHAGINJALA SRINADH	20	20	18	30	133	221	44.20	3
11	15731A0411	CHITHATURU ARUN	7	17	19	37	144	224	44.80	3
12	15731A0412	DONTHU TEJASARIKA	53	45	37	38	163	336	67.20	0
13	15731A0413	GADAMSETTY SAI RAMYA	63	45	44	45	188	385	77.00	0
14	15731A0414	GRIDDALURU LEELA SAI KRISHNA	66	56	50	49	199	420	84.00	0
15	15731A0415	GUDE PRIYANKA	67	60	47	49	198	421	84.20	0
16	15731A0416	GUDIPATI KOMALA LAKSHMI DIVYA	70	69	46	48	196	429	85.80	0
17	15731A0417	GUNTIMADUGU PRAVEEN	24	33	38	39	163	297	59.40	2
18	15731A0418	KANIGICHARLA VINEETH KUMAR	63	60	46	47	193	409	81.80	0
19	15731A0419	KETHIREDDY BHAVANA	34	46	42	38	178	338	67.60	1
20	15731A0420	KOMARA DEVARAJ	58	53	39	40	175	365	73.00	0

S.No	HALL TICKET NO.	NAME OF THE STUDENT	LOW	RF	CVV	SEMINAR	PROJECT	TOTAL	% of MARKS	NO OF SUB FAIL
21	15731A0421	KOMMARIKA TEJA PRAKASHINI	65	54	42	45	182	388	77.60	0
22	15731A0422	KONA PRIYANKA	61	52	47	48	195	403	80.60	0
23	15731A0423	KOPPOLU YAMINI	80	68	48	49	198	443	88.60	0
24	15731A0424	MADDALA VIGNESWAR	53	49	43	44	184	373	74.60	0
25	15731A0425	MAKINENI SRI SAI VASAVI	55	60	44	45	184	388	77.60	0
26	15731A0426	MUNAMALA PRASANNA LAKSHMI	70	66	48	49	198	431	86.20	0
27	15731A0427	MUTAKATLA INDRAJA	57	66	45	44	195	407	81.40	0
28	15731A0428	NALAGORLA SRI SAI RAVEENA	57	53	46	47	193	396	79.20	0
29	15731A0430	NERELLA MANEESHA	56	57	42	46	187	388	77.60	0
30	15731A0431	NIMMAKAYALA ANNAMAIAH	54	55	44	43	188	384	76.80	0
31	15731A0432	PALOJI RAVI TEJA	46	53	33	37	151	320	64.00	0
32	15731A0433	PANDITI SRINIJA	64	49	47	47	193	400	80.00	0
33	15731A0434	PARAMESWARAN MOUNICA	56	54	43	46	178	377	75.40	0
34	15731A0435	PENDELA VENKATA SUSMITA LAKSHMI AKHILA	62	66	49	49	199	425	85.00	0
35	15731A0437	PRATHI MADHU KIRAN	55	51	43	45	178	372	74.40	0
36	15731A0438	PULIGUNTA VENKATA TUSHARA	58	50	46	48	192	394	78.80	0
37	15731A0439	SEGU MOHITHA	62	69	46	50	197	424	84.80	0
38	15731A0440	SHAIK ARIFA TABASUM	50	50	44	47	185	376	75.20	0
39	15731A0441	SHAIK RESHMA	69	72	45	45	193	424	84.80	0
40	15731A0442	SHAIK SAHEL	49	45	38	39	156	327	65.40	0
41	15731A0443	SHAIK VASEEMA	77	79	47	49	197	449	89.80	0
42	15731A0444	SOMISETTY VISHNU PRIYA	83	77	50	50	200	460	92.00	0
43	15731A0445	SUVANAM VENKATA SAI YAMUNA KUMARI	68	70	49	49	192	428	85.60	0
44	15731A0446	TATIKONDA SAI TEJASWI	57	56	47	48	193	401	80.20	0

S.No	HALL TICKET NO.	NAME OF THE STUDENT	LOW	RF	CVV	SEMINAR	PROJECT	TOTAL	% of MARKS	NO OF SUB FAIL
45	15731A0447	TIRIVEEDI MOUNIKA	59	59	44	47	194	403	80.60	0
46	15731A0448	UDATHA JYOTHI RUPA	70	65	49	48	199	431	86.20	0
47	15731A0449	URITI CHAITHANYA VEERA SAI	56	45	46	46	191	384	76.80	0
48	15731A0450	BELLAMKONDA SASIDHAR	51	52	44	42	185	374	74.80	0
49	15731A0451	CHEKURU PALLAVI	67	64	46	47	187	411	82.20	0
50	15731A0452	CHERUVUPALLI VAMSI	64	54	42	40	177	377	75.40	0
51	15731A0453	DANDI MADHAVI	66	62	49	48	198	423	84.60	0
52	15731A0454	DURGAMPATI HARIKA	67	63	45	47	187	409	81.80	0
53	15731A0455	GADDAM SOBHANA	73	64	45	47	196	425	85.00	0
54	15731A0457	GOPISETTY ASRITHA	68	55	46	48	195	412	82.40	0
55	15731A0458	GORANTLA PREETHI	74	68	44	46	189	421	84.20	0
56	15731A0460	JEDDA SRAVANI	73	59	44	45	191	412	82.40	0
57	15731A0461	KAKUMANI RAJA NANDINI	62	52	40	40	177	371	74.20	0
58	15731A0462	KALAVAKURU SRIHARIKA	76	66	44	47	192	425	85.00	0
59	15731A0463	KNAKATLA SAI HARIKA	45	50	43	46	190	374	74.80	0
60	15731A0464	KANKIPATI NUSHMA SRILEKHA	60	50	46	45	194	395	79.00	0
61	15731A0465	KARNA SAI VAMSI	46	44	40	39	168	337	67.40	1
62	15731A0466	KOLAGANI SAI SANDEEP	62	54	45	43	178	382	76.40	0
63	15731A0467	: KURPATI SREEJA	64	53	47	47	187	398	79.60	0
64	15731A0468	LADE SAI SRUTHI	87	60	46	47	194	434	86.80	0
65	15731A0469	MANDAPALLI MADHU VINAY	72	60	47	45	186	410	82.00	0
66	15731A0471	NARISETTY NARASIMHA	58	43	43	42	174	360	72.00	1
67	15731A0472	NARRAVULA VENKATA SAI SUKANYA	81	56	43	43	183	406	81.20	0
68	15731A0473	NUVUSETTI JAHNAVI SAI	69	57	44	48	192	410	82.00	0

S.No	HALL TICKET NO.	NAME OF THE STUDENT	LOW	RF	CVV	SEMINAR	PROJECT	TOTAL	% of MARKS	NO OF SUB FAIL
69	15731A0475	PATCHIPALA LAKSHMI PRASANNA	81	60	50	50	199	440	88.00	0
70	15731A0477	RANGIDI AKHILA	64	51	49	48	198	410	82.00	0
71	15731A0478	SADINENI CHANDANA	81	59	46	48	196	430	86.00	0
72	15731A0479	SHAIK FAZILA	72	60	48	50	198	428	85.60	0
73	15731A0480	SHAIK SHAHAZIA FARHIN	66	48	40	43	178	375	75.00	0
74	15731A0481	SHAIK SHAHUL	52	48	43	41	181	365	73.00	0
75	15731A0482	SYED SALMA	62	77	44	45	192	420	84.00	0
76	15731A0484	TALLAPALEM MANISHA	75	71	47	47	194	434	86.80	0
77	15731A0485	TELIKEPALLI VENKATA SAI SUMANTH	62	53	47	48	198	408	81.60	0
78	15731A0486	THADIPARTHI HEPSIBHA RANI	78	68	44	46	190	426	85.20	0
79	15731A0487	THATAVARTHI VENKATA MURALI KRISHNA	60	59	48	48	198	413	82.60	0
80	15731A0488	TWARAKAVI P LAKSHMI VAISHNAVI SINDHURA	75	54	49	49	199	426	85.20	0
81	15731A0489	VELICHERLA KEERTHI	47	43	37	37	166	330	66.00	0
82	15731A0490	VEMINENI GAYATHRI	62	47	46	47	191	393	78.60	0
83	15731A0491	YALAVALA AMALA	71	55	45	48	197	416	83.20	0
84	15731A0492	YELLANKI SAI SRUTHI	80	80	49	50	199	458	91.60	0
85	15731A0494	BANDARU SARANYA	57	48	43	46	188	382	76.40	0
86	15731A0495	BELLAMKONDA SRINIVAS TEJA	62	54	45	47	191	399	79.80	0
87	15731A0496	BOMMI REDDY RAMBABU	79	55	45	45	196	420	84.00	0
88	15731A0497	BOMMISETTI VENKATA SOWMYA	63	63	46	47	197	416	83.20	0
89	15731A0498	CHIRUVELLA POOJITHA	52	56	39	39	179	365	73.00	0
90	15731A0499	DEGA MANO VIKAS	55	57	41	41	182	376	75.20	0
91	15731A04A0	DODDAKA ASWIN KUMAR	49	55	43	42	181	370	74.00	0
92	15731A04A1	GRANDHI VENKATA SAIUMAPOOJITH	37	47	45	47	189	365	73.00	1

S.No	HALL TICKET NO.	NAME OF THE STUDENT	LOW	RF	CVV	SEMINAR	PROJECT	TOTAL	% of MARKS	NO OF SUB FAIL
93	15731A04A2	JONNALAGADDA PAVAN KALYAN	72	65	49	49	199	434	86.80	0
94	15731A04A3	JONNALAGADDA VENKATA SANDHYA RANI	69	77	49	47	198	440	88.00	0
95	15731A04A4	KATAKUTA HARIKA	88	70	50	49	199	456	91.20	0
96	15731A04A5	KATLA NANDANA	58	79	45	47	197	426	85.20	0
97	15731A04A6	KOLAMGIRI SURENDRA	32	41	39	30	165	307	61.40	1
98	15731A04A7	LINGALA RAVI KUMAR	29	29	36	41	164	299	59.80	2
99	15731A04A8	K.MADHAVI PRIYA	54	47	39	42	177	359	71.80	0
100	15731A04A9	MALEPATI VENKATA NAVEEN	47	47	45	43	190	372	74.40	0
101	15731A04B0	MANDHIREDDY VENKATESH	52	60	45	46	193	396	79.20	0
102	15731A04B1	MANNURU SIVATEJA	58	64	46	48	191	407	81.40	0
103	15731A04B2	MODEPALLI ARAVIND	53	50	41	44	182	370	74.00	0
104	15731A04B4	NIMMAKAYALA MANOHAR	28	37	36	36	164	301	60.20	2
105	15731A04B5	PALLAVALI CHAKRADHAR	67	57	50	49	199	422	84.40	0
106	15731A04B6	PANCHETI SIREESHA	62	69	46	46	193	416	83.20	0
107	15731A04B7	PENUBALLI MURALI	66	57	47	46	194	410	82.00	0
108	15731A04B8	PICHALA SURESH	79	63	47	44	192	425	85.00	0
109	15731A04B9	PITCHIKA NIKHILESWARI	73	73	48	48	198	440	88.00	0
110	15731A04C1	POLANI SREENIVASULU	49	51	44	43	185	372	74.40	0
111	15731A04C2	PONAKA SUKESH REDDY	64	52	45	46	187	394	78.80	0
112	15731A04C3	RASAMSETTY MOHAN KRISHNA	52	54	43	44	178	371	74.20	0
113	15731A04C4	SHAIK AKRAM	46	44	40	36	172	338	67.60	0
114	15731A04C5	SHAIK KHAJA MAHAMMED ESA	54	44	33	33	144	308	61.60	0
115	15731A04C6	SHAIK SHAHID HUSSAIN	62	47	44	40	179	372	74.40	0
116	15731A04C7	SYED AMEENUL	57	46	45	47	193	388	77.60	0

S.No	HALL TICKET NO.	NAME OF THE STUDENT	LOW	RF	CVV	SEMINAR	PROJECT	TOTAL	% of MARKS	NO OF SUB FAIL
117	15731A04C8	UPPALA SRI HARI	62	58	44	45	180	389	77.80	0
118	15731A04C9	VANGALA NAVEENA	68	49	45	43	191	396	79.20	0
119	15731A04D0	: AKKEM PRAVEEN KUMAR REDDY	32	44	42	44	182	344	68.80	1
120	15731A04D1	ALARI HEMALATHA	70	57	50	48	199	424	84.80	0
121	15731A04D2	ARIMALLA MAHESH BABU	58	47	44	45	172	366	73.20	0
122	15731A04D3	BANDI PRADEEP TEJA	32	31	40	38	166	307	61.40	2
123	15731A04D4	BEERAM RAMA JAYAVARDHAN REDDY	23	20	38	41	165	287	57.40	2
124	15731A04D5	BELLAMKONDA GAYATHRI	61	61	39	42	179	382	76.40	0
125	15731A04D6	DUGGANABOINA VENKATA SWETHA RANI	56	54	45	45	186	386	77.20	0
126	15731A04D7	GAMPALA JAISHNAVI	45	57	46	44	193	385	77.00	1
127	15731A04D8	GANDAVARAPU MANISHA	58	51	45	43	190	387	77.40	0
128	15731A04D9	GANJIKUNTA RAHUL	31	44	41	42	169	327	65.40	1
129	15731A04E0	GUDIMELLA RAMA MANASA	48	60	46	49	198	401	80.20	0
130	15731A04E1	KALLURU POOJITHA	50	27	40	42	162	321	64.20	1
131	15731A04E2	KOBAKU SUSHMA	58	71	41	45	192	407	81.40	0
132	15731A04E3	KONDA VIJETHA REDDY	54	58	47	46	195	400	80.00	0
133	15731A04E4	KOSAPETA RAJESWARI	60	64	44	47	188	403	80.60	0
134	15731A04E5	KUCHIREDDY VENKATA MOUNIKA	60	61	45	43	190	399	79.80	0
135	15731A04E6	MALAPATI NANDANA	54	57	44	42	184	381	76.20	0
136	15731A04E7	MATTEPU SASIKUMAR	47	44	38	41	162	332	66.40	0
137	15731A04E8	MOPURU PALLAVI	56	54	41	44	194	389	77.80	0
138	15731A04E9	NALLABALLE SAI BILVANI	66	61	43	44	187	401	80.20	0
139	15731A04F0	PALAKONDU ASHOK KUMAR REDDY	38	47	41	41	168	335	67.00	1
140	15731A04F1	POLAMREEDY TEJASWINI	41	53	36	37	167	334	66.80	0

S.No	HALL TICKET NO.	NAME OF THE STUDENT	LOW	RF	CVV	SEMINAR	PROJECT	TOTAL	% of MARKS	NO OF SUB FAIL
141	15731A04F2	PUJARI VASUDEV	32	47	37	36	174	326	65.20	1
142	15731A04F3	RAMIREDDY SOWJANYA	78	66	46	45	197	432	86.40	0
143	15731A04F4	SHAIK ABDUL HAFEEZ	38	46	39	39	177	339	67.80	1
144	15731A04F5	SHAIK MASTHAN	55	57	40	40	175	367	73.40	0
145	15731A04F6	SUTHARU PUSHPA KUMARI	80	77	45	47	197	446	89.20	0
146	15731A04F7	UDAYAGIRI RAMAIAH	51	61	42	43	187	384	76.80	0
147	15731A04G0	VALLEPU SUPRIYA	66	78	45	46	193	428	85.60	0
148	15731A04G1	VANKA ARCHANA	55	72	44	45	193	409	81.80	0
149	15731A04G2	CHALLA AKHIL	18	27	35	38	143	261	52.20	2
150	15731A04G3	CHAMUKULA BHASKAR	42	11	36	36	163	288	57.60	1
151	15731A04G4	CHITTAMURU VENKATA MEGHANA	56	63	50	50	198	417	83.40	0
152	15731A04G5	DEVARAKONDA TEJASWINI	68	62	43	44	189	406	81.20	0
153	15731A04G6	GADEBOYINA SUBHASHINI	45	53	42	42	174	356	71.20	0
154	15731A04G7	GOSU SUNEELA	78	66	47	49	197	437	87.40	0
155	15731A04G9	GURRAM VENKATA SAI KALPANA	59	68	44	47	195	413	82.60	0
156	15731A04H0	JUVVIGUNTA SIREESHA	55	56	41	41	178	371	74.20	0
157	15731A04H1	KALIKI LIKHITESH REDDY	63	55	40	44	169	371	74.20	0
158	15731A04H2	KARNAM PRATHYUSHA	42	56	41	42	176	357	71.40	1
159	15731A04H4	KONAMKI MALATHI	54	64	42	44	179	383	76.60	0
160	15731A04H5	KONDURU YOGESH	63	59	46	46	192	406	81.20	0
161	15731A04H6	LEBAKU SUVARNA RAJU	35	22	44	44	183	328	65.60	2
162	15731A04H7	MODUGA ABHIJATHYA	58	44	40	39	177	358	71.60	0
163	15731A04H9	NULA LAKSHMI PRASANNA	50	52	41	45	190	378	75.60	0
164	15731A04I0	NUTHALAPATI PREETHI	53	51	43	44	189	380	76.00	0

S.No	HALL TICKET NO.	NAME OF THE STUDENT	LOW	RF	CVV	SEMINAR	PROJECT	TOTAL	% of MARKS	NO OF SUB FAIL
165	15731A04I1	PINNIKA SUPRAJA	52	64	43	43	182	384	76.80	0
166	15731A04I2	RAJALA VINAY KUMAR	52	45	42	39	176	354	70.80	0
167	15731A04I4	THAMMISETTI HARSHINI	12	40	35	28	144	259	51.80	1
168	15731A04I6	BOBBALA BHARATH	45	23	33	28	145	274	54.80	1
169	15731A04I7	BUJJA CHAITANYA	19	15	37	37	150	258	51.60	2
170	15731A04J0	PALAKOLANU NAGARJUNA REDDY	32	30	40	41	170	313	62.60	2
171	15731A04J1	DUGGINENI YASWANTH	11	14	37	36	160	258	51.60	2
172	15731A04J2	GODISI SREEKANTH	48	30	38	38	162	316	63.20	1
173	15731A04J3	GONUGUNTA HARISH	77	77	49	46	198	447	89.40	0
174	15731A04J4	KALLURI MANASA	65	68	49	50	199	431	86.20	0
175	15731A04J5	KAMBHAM SUNEETHA	60	54	44	44	182	384	76.80	0
176	15731A04J7	KOMMI SREEKANTH	31	21	42	43	166	303	60.60	2
177	15731A04J8	KONDURU VENKATESH	41	42	40	41	173	337	67.40	0
178	15731A04J9	KURUBA PAVANI	51	46	40	31	161	329	65.80	0
179	15731A04K2	MANDAM TARUN	18	14	33	23	112	200	40.00	2
180	15731A04K3	MANGALA RASI	51	72	44	43	182	392	78.40	0
181	15731A04K4	MOLATHATI KALYAN	17	14	20	23	136	210	42.00	2
182	15731A04K8	SURABHIBOEINA PRATHAP	15	20	20	20	131	206	41.20	2
183	15731A04K9	SYED MUZAMMIL AHMAD	55	48	44	43	190	380	76.00	0
184	15731A04L0	TAMMIREDDY VENKATESH	53	61	46	45	193	398	79.60	0
185	15731A04L2	VASUPALLI SUSMA	61	57	38	43	183	382	76.40	0
186	154N1A04D3	KANCHARLA SWARNA LATHA	64	55	42	46	192	399	79.80	0
187	14731A0402	ANNAM KOMALI	40	35	35	28	144	282	56.40	1
188	14731A04I8	YANAMALA SRILEKHA	61	69	43	46	178	397	79.40	0

S.No	HALL TICKET NO.	NAME OF THE STUDENT	LOW	RF	CVV	SEMINAR	PROJECT	TOTAL	% of MARKS	NO OF SUB FAIL
189	14731A04J3	BADDALA YEDUKONDALU	40	21	20	AB	30	111	22.20	1
190	16735A0401	PICHIKA MURALI KRISHNA	55	57	44	40	191	387	77.40	0
191	16735A0402	PONNEPALLI V NAGA SUBRAHMANYAM	51	42	40	40	177	350	70.00	0

NO OF STUDENTS REG	191
NO OF STUDENTS PASS	154
NO OF STUDENTS FAIL	37
PASS %	**80.63**

S.NO	SUBJECT	PASS	FAIL	PASS%	HIGH.MARK	AVG.MARK
1	LOW POWER VLSI CIRCUITS & SYSTEMS	163	28	85.34	88	55.92
2	RF INTEGRATED CIRCUITS	166	25	86.91	80	53.02
3	COMPREHENSIVE VIVA-VOCE	189	2	98.95	50	42.76
4	TECHNICAL SEMINAR	191	0	100.00	50	43.23
5	PROJECT WORK	191	0	100.00	200	181.85

Faculty In-Charge

Head of the Department
Electronics & Communication Engineering
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(Affiliated to JNTUA, Ananthapuramu, Approved by AICTE, New Delhi,Accredited by NAAC with 'A' grade)

DEPARTMENT OF ECE

RESULTS: IV B.Tech. II SEM **ACADEMIC YEAR : 2017-18**

S.No	HALL TICKET NO.	NAME OF THE STUDENT	3G&4G	RFIC	PRA	TECHNICAL SEMINAR	PROJECT	TOTAL	% of MARKS	NO OF SUB FAIL
1	14731A0401	ALAVALA SUJITHA	73	75	59	47	195	449	81.64	0
2	14731A0403	BOMMISETTY JAGADISH KUMAR	64	64	60	47	195	430	78.18	0
3	14731A0404	BYSANI VENKATA SUSMITHA	52	59	41	45	185	382	69.45	1
4	14731A0405	CHALLA PRAVEENA	62	50	28	46	188	374	68.00	1
5	14731A0406	D V SAI MANASA	74	77	71	48	199	469	85.27	0
6	14731A0407	DEVARAYAPALLI SIDDARDHA	55	58	52	44	182	391	71.09	0
7	14731A0408	DODLA MADHURI	76	83	70	50	200	479	87.09	0
8	14731A0409	ERAPANENI VAISHNAVI	70	51	58	47	193	419	76.18	0
9	14731A0410	GANDAVARAPU SOWMYA	65	71	54	45	183	418	76.00	0
10	14731A0411	GATAM SUREKHA	54	59	54	46	183	396	72.00	0
11	14731A0412	GOLLA NAVEEN	50	45	35	44	172	346	62.91	1
12	14731A0413	GOTTIPATI KAVYA	63	61	42	46	188	400	72.73	0
13	14731A0414	J SRI DIVYA	63	53	51	45	181	393	71.45	0
14	14731A0415	KODELA HEMALATHA	74	68	63	47	190	442	80.36	0
15	14731A0416	LAKKU MAHENDRA	65	56	49	45	183	398	72.36	0
16	14731A0417	M V N SAI PAVAN KUMAR	49	40	48	44	174	355	64.55	0
17	14731A0418	MALLEMOGGALA SUJITHA	72	79	70	48	196	465	84.55	0
18	14731A0419	MANDADI SREENIVAS	52	52	52	44	178	378	68.73	0
19	14731A0420	MANDAPALLI AMULYA	54	56	39	45	181	375	68.18	1
20	14731A0421	MEDAM SAI KEERTHI	66	79	70	49	199	463	84.18	0
21	14731A0422	N.SAI KUMAR	58	61	42	48	188	397	72.18	1

S.No	HALL TICKET NO.	NAME OF THE STUDENT	3G&4G	RFIC	PRA	TECHNICAL SEMINAR	PROJECT	TOTAL	% of MARKS	NO OF SUB FAIL
22	14731A0423	NARRA SUDHEER	54	50	48	44	182	378	68.73	0
23	14731A0424	P.SAI TEJASWINI	64	65	71	47	195	442	80.36	0
24	14731A0425	P.VINDHYA	58	52	50	44	183	387	70.36	0
25	14731A0426	PAKALA VINOD KUMAR	51	40	47	45	183	366	66.55	1
26	14731A0427	PATTIPATI SREE HARINI	56	58	53	47	192	406	73.82	0
27	14731A0428	PERAM VINOD KUMAR REDDY	56	51	52	48	190	397	72.18	0
28	14731A0429	S.ALEKHYA	58	75	55	48	194	430	78.18	0
29	14731A0430	S.GEETHIKA	72	90	64	49	199	474	86.18	0
30	14731A0431	SHAIK MANISHA	65	57	59	46	192	419	76.18	0
31	14731A0432	SHAIK MEHARUNNISA	69	71	65	50	198	453	82.36	0
32	14731A0433	SINGAMANENI VYSHNAVI	58	55	53	45	191	402	73.09	0
33	14731A0434	SK.HABEEBA AFRIN	28	29	36	45	179	317	57.64	3
34	14731A0436	TAKURU SRI KAVYA	76	79	73	48	198	474	86.18	0
35	14731A0437	VATYAM V SAI PRAVEEN KUMAR	70	75	67	49	197	458	83.27	0
36	14731A0438	VARDHINENI DHANESH	52	69	66	49	191	427	77.64	0
37	14731A0439	Y HARSHITHA	64	73	58	49	199	443	80.55	0
38	14731A0440	YACHAMANENI SUSMITHA	68	74	61	46	191	440	80.00	0
39	14731A0441	YARAJALA PAVAN KUMAR	64	55	55	44	184	402	73.09	0
40	14731A0442	A CHIRANJIVI	40	59	47	45	187	378	68.73	1
41	14731A0443	A.NIKHIL	50	53	49	47	183	382	69.45	0
42	14731A0444	A.SRAVANI	60	71	60	48	194	433	78.73	0
43	14731A0445	A.V.S.L.MOUNIKA	66	73	54	47	189	429	78.00	0
44	14731A0446	ALLURI DIVYA BHAVANI	66	79	67	48	198	458	83.27	0
45	14731A0447	BOKHISHA PUJITHA	71	71	73	46	192	453	82.36	0

S.No	HALL TICKET NO.	NAME OF THE STUDENT	3G&4G	RFIC	PRA	TECHNICAL SEMINAR	PROJECT	TOTAL	% of MARKS	NO OF SUB FAIL
46	14731A0448	CH V PRASANNA KUMAR	63	46	36	44	184	373	67.82	1
47	14731A0449	CHAMANABOINA V SURENDRA	68	86	63	48	198	463	84.18	0
48	14731A0450	CHIDITOTI SREELATHA	77	79	72	49	197	474	86.18	0
49	14731A0451	CHIGURUPATI NAVYASREE	75	58	57	47	191	428	77.82	0
50	14731A0452	CHIMATA AVINASH YADAV	62	45	34	46	184	371	67.45	1
51	14731A0453	D LEKHYA	53	72	50	46	185	406	73.82	0
52	14731A0454	DHODDAMREDDY SUSHMA	53	71	44	48	196	412	74.91	1
53	14731A0456	G.L.V.S. ALEKHYA	59	71	54	47	196	427	77.64	0
54	14731A0457	G N SAI RAJYALAKSHMI PRAVALLIKA	65	75	55	49	199	443	80.55	0
55	14731A0458	G ESWAR THIRUMALA	51	55	45	44	180	375	68.18	0
56	14731A0459	GURRAM MOUNIKA	69	58	63	45	186	421	76.55	0
57	14731A0460	JUVVALADINNE RAJANI	64	58	59	46	188	415	75.45	0
58	14731A0461	KANCHI BHUVANESWARI	66	73	57	49	193	438	79.64	0
59	14731A0463	KARAMSETTY SRAVANI	60	58	53	49	193	413	75.09	0
60	14731A0464	KARANAM CHANDANA	70	56	54	49	195	424	77.09	0
61	14731A0465	KARETI PRUDHVI TEJ	49	49	51	48	190	387	70.36	0
62	14731A0466	KRISHNAM V PRATHYUSHA	74	68	74	50	200	466	84.73	0
63	14731A0467	KUTTUBOINA MADHURI	61	77	56	49	190	433	78.73	0
64	14731A0468	L POOJITHA	79	61	63	50	198	451	82.00	0
65	14731A0469	MALAPATI MANASA	72	62	63	50	198	445	80.91	0
66	14731A0470	M SRIKRISHNA YADAV	53	53	49	48	190	393	71.45	0
67	14731A0471	MARRI ANUSHA	67	55	62	50	197	431	78.36	0
68	14731A0472	N.VAMSI KRISHNA	53	54	33	45	179	364	66.18	1
69	14731A0473	NARA ALEKHYA	67	59	53	50	197	426	77.45	0

S.No	HALL TICKET NO.	NAME OF THE STUDENT	3G&4G	RFIC	PRA	TECHNICAL SEMINAR	PROJECT	TOTAL	% of MARKS	NO OF SUB FAIL
70	14731A0474	NARA MANVITHA	60	54	53	48	196	411	74.73	0
71	14731A0475	NEELAGIRI V NAGA JYOTHIKA	66	64	50	49	191	420	76.36	0
72	14731A0476	P SRI CHARITHA	54	49	58	48	184	393	71.45	0
73	14731A0477	PAPUDESI UDAYA BHANU	70	57	67	49	195	438	79.64	0
74	14731A0478	R POORNESH	51	49	50	46	182	378	68.73	0
75	14731A0479	S MAHENDRA	41	42	48	45	177	353	64.18	1
76	14731A0480	SAMADI RUCHITHA	60	58	60	50	196	424	77.09	0
77	14731A0481	SEGU NIKHITA LAKSHMI	61	53	53	47	183	397	72.18	0
78	14731A0482	SHAIK AHAMMAD	52	71	48	49	193	413	75.09	1
79	14731A0483	SHAIK AZAD	49	53	41	42	176	361	65.64	1
80	14731A0484	SURA LAVANYA	66	71	53	50	195	435	79.09	0
81	14731A0485	THATHINENI DEVISREE	71	72	60	49	189	441	80.18	0
82	14731A0486	UPPALA VYSHNAVI	61	56	65	48	189	419	76.18	0
83	14731A0487	VINTA MANISHA	61	55	60	50	198	424	77.09	0
84	14731A0488	Y.V.SAI TEJA	50	60	54	50	198	412	74.91	0
85	14731A0489	YALLALA SARANYA	54	63	56	49	194	416	75.64	0
86	14731A0490	BODEPUDI VINEETHBABU	62	83	53	49	193	440	80.00	0
87	14731A0491	CH.MUNI HEMANTH	34	46	51	43	175	349	63.45	1
88	14731A0492	DAMMU MAHITHA	57	72	45	48	190	412	74.91	1
89	14731A0493	DEVARAPALLI SRINADH REDDY	66	66	53	47	184	416	75.64	0
90	14731A0494	GOLLA PRATHIMA	40	53	53	46	178	370	67.27	1
91	14731A0495	GOLLAPROLU VINOD	60	63	56	48	190	417	75.82	0
92	14731A0496	GURRAM CHENCHU LAKSHMI	53	54	59	48	188	402	73.09	0
93	14731A0497	KAKURU MAHALYA	68	93	60	50	194	465	84.55	0

S.No	HALL TICKET NO.	NAME OF THE STUDENT	3G&4G	RFIC	PRA	TECHNICAL SEMINAR	PROJECT	TOTAL	% of MARKS	NO OF SUB FAIL
94	14731A0498	KAMBHAM TEJASWINI	59	75	55	49	193	431	78.36	0
95	14731A0499	KOLLA AJANTHA	65	59	59	49	191	423	76.91	0
96	14731A04A0	KOMMI SIRISHA	63	76	70	50	200	459	83.45	0
97	14731A04A1	KONDRAJU UMA	65	75	65	49	195	449	81.64	0
98	14731A04A2	MAMILLAPALLI CHANDRABABU	59	65	63	50	198	435	79.09	0
99	14731A04A3	MANDATI SUMAN	76	67	64	50	199	456	82.91	0
100	14731A04A4	M NAVEENKUMARREDDY	70	71	68	50	200	459	83.45	0
101	14731A04A5	MUPPALA UDAYA SAYI	80	63	57	50	191	441	80.18	0
102	14731A04A6	MUTHYALA PALANI KUMAR	38	48	54	47	174	361	65.64	1
103	14731A04A7	P.MANI KISHORE	66	62	52	47	183	410	74.55	0
104	14731A04A8	PADERLA RAVEENA	75	63	66	48	194	446	81.09	0
105	14731A04A9	POLIMERA MANEESHA RANI	64	58	57	49	190	418	76.00	0
106	14731A04B0	POSIMREDDY KAVERI	81	75	53	49	195	453	82.36	0
107	14731A04B1	PUTTU VINOD	67	75	63	48	185	438	79.64	0
108	14731A04B2	PYDAKULA LAVANYA	86	88	67	50	198	489	88.91	0
109	14731A04B3	S S SATHYA SAI KRISHNA	67	59	63	50	198	437	79.45	0
110	14731A04B5	TALLURU VENKATA KALYANI	62	46	62	46	181	397	72.18	0
111	14731A04B6	TUTHEKULA POOJITHA	65	59	60	49	190	423	76.91	0
112	14731A04B7	UPPALAMARTHI SAI PUJITHA	67	67	65	49	185	433	78.73	0
113	14731A04B8	YAKKALA RAJESWARI	74	68	70	49	189	450	81.82	0
114	14731A04B9	YALLA VENKATA SUJITHA	60	81	65	50	197	453	82.36	0
115	14731A04C0	AYILA SUPRAJA	90	91	79	49	199	508	92.36	0
116	14731A04C1	B LAKSHMI SWETHA	54	50	30	44	179	357	64.91	1
117	14731A04C2	BANDLA KALPANA	75	68	60	48	194	445	80.91	0

S.No	HALL TICKET NO.	NAME OF THE STUDENT	3G&4G	RFIC	PRA	TECHNICAL SEMINAR	PROJECT	TOTAL	% of MARKS	NO OF SUB FAIL
118	14731A04C3	BATTALA NAVEEN	67	68	54	47	195	431	78.36	0
119	14731A04C4	BESTHAVEMULA JAGADEESH	54	58	56	46	180	394	71.64	0
120	14731A04C5	BHUMIREDDY GAYATHRI	49	62	58	46	188	403	73.27	0
121	14731A04C6	BODDU HARI CHANDANA	60	70	72	48	193	443	80.55	0
122	14731A04C7	BOLLINENI SANDHYA RANI	55	71	57	48	194	425	77.27	0
123	14731A04C8	BOVILLA LAKSHMIKALA	73	74	55	47	191	440	80.00	0
124	14731A04C9	CHANDANAMUDI PRAKASH	55	73	60	45	182	415	75.45	0
125	14731A04D0	CHERUKURU SIVAKUMAR	70	58	50	44	176	398	72.36	0
126	14731A04D1	CHINTHAMREDDY HARIKA	55	69	60	47	192	423	76.91	0
127	14731A04D2	D.Venkata Sowmya	81	75	64	44	184	448	81.45	0
128	14731A04D3	DINTAKURTHI ASHOK	55	63	61	48	193	420	76.36	0
129	14731A04D5	DUVVURU ROJA	59	73	64	47	190	433	78.73	0
130	14731A04D7	G.Renuka	55	73	65	48	194	435	79.09	0
131	14731A04D8	GANDU SREEDHARKUMAR	65	75	65	50	198	453	82.36	0
132	14731A04E0	K YELLA REDDY	45	61	54	46	187	393	71.45	1
133	14731A04E1	K.Praveen Kumar Reddy	58	73	52	50	199	432	78.55	0
134	14731A04E2	KAKARLA SIRISHA	61	66	55	46	193	421	76.55	0
135	14731A04E3	K SRIJA	45	53	53	44	180	375	68.18	1
136	14731A04E4	M.Babi Sree	53	51	54	44	184	386	70.18	0
137	14731A04E5	M.Krishna Reddy	34	49	47	43	177	350	63.64	1
138	14731A04E6	M.Pravallika	54	54	65	48	188	409	74.36	0
139	14731A04E7	MADDINA SRILAKSHMI	86	89	65	49	195	484	88.00	0
140	14731A04E9	NEELAM NAVEEN REDDY	83	65	58	44	176	426	77.45	0
141	14731A04F0	OBBANABOINA MANOJA	89	78	64	45	191	467	84.91	0