



VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

Sponsored by Lavu Educational Society, Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad.

Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301 TS INDIA

Phone: +08615 200006/07/08

Email: info@vmtw.in

Department of Basic Science & Humanities

AY : 2017-18

I-B.Tech I Semester (R16 Regulation)

SUBJECT: MATHEMATICS-I (MA101BS)

After going through this course, the student gets a thorough knowledge on

COURSE OUTCOMES:

S.No.	COURSE OUTCOMES	B.T. LEVEL
MA101BS.1	Student will be able to solve Differential Equations by choosing the right method in different engineering problems.	3
MA101BS.2	Student will be able to solve the system of linear equations by representing them in matrix form and analyze its solution which requires in engineering problems	3,4
MA101BS.3	Student will be able to solve the Eigen values and Eigen vectors & reduce the quadratic form to canonical form using orthogonal transformations	3
MA101BS.4	Student will be able to Extreme values of functions of two variables with/ without constraints in Engineering applications	1
MA101BS.5	Students will able to solve partial differential equations and apply them in different engineering problems	3

MAPPING:

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PSO 2	PS O3
MA101BS.1	3	3	3	2	2	1	-	-	-	1	1	1	1	2	1
MA101BS.2	3	2	2	2	1	1	-	-	-	1	2	1	2	1	3
MA101BS.3	3	3	2	2	1	1	-	-	1	1	2	1	1	2	3
MA101BS.4	3	3	2	2	2	1	-	-	1	1	1	1	3	3	1
MA101BS.5	3	2	3	3	2	1	-	-	1	1	1	1	2	1	3
Average	3	2.6	2.4	2.2	1.6	1	0	0	1	1	1.4	1	1.8	1.8	2.2



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Department of Basic Science & Humanities

AY : 2017-18

I-B.Tech I Semester (R16 Regulation)

SUBJECT: ENGINEERING CHEMISTRY (CH102BS)

After going through this course, the student gets a thorough knowledge on

COURSE OUTCOMES:

S.No.	COURSE OUTCOMES	B.T. LEVEL
CH102BS.1	Students will gain the basic knowledge of electrochemical procedures related to corrosion and its control	1
CH102BS.2	They can understand the basic properties of water and its usage in domestic and industrial purposes.	2
CH102BS.3	They learn the use of fundamental principles to make predictions about the general properties of materials	3
CH102BS.4	They can predict potential applications of chemistry and practical utility in order to become good engineers and entrepreneurs.	1
CH102BS.5	It enables the students to apply knowledge of the different techniques learnt in the laboratory in various practical applications.	3

MAPPING:

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3
CH102BS.1	2	1	1	1	1	-	-	-	1	1	2	3	2	3	3
CH102BS.2	1	1	1	1	1	3	3	3	-	1	1	1	1	1	2
CH102BS.3	1	3	3	1	3	2	-	-	1	1	1	1	2	-	3
CH102BS.4	2	1	1	1	2	3	-	-	-	2	1	2	-	3	2
CH102BS.5	3	3	2	3	3	3	-	-	1	2	3	2	2	1	3
Average	1.8	1.8	1.6	1.4	2	2.7	3	3	1	1.4	1.6	1.8	1.75	2	2.6



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AY : 2017-18

I-B.Tech I Semester (R16 Regulation)

SUBJECT: ENGINEERING PHYSICS-I (PH103BS)

After going through this course, the student gets a thorough knowledge on

COURSE OUTCOMES:

S.No.	COURSE OUTCOMES	B.T LEVEL
PH103BS.1	To understand interaction of light with matter through interference, diffraction and polarization. And it will be applied for improvement of technology	2,3
PH103BS.2	To able to distinguish ordinary light with a laser light and to realize propagation of light through optical fibers. And its application to industry and research.	3
PH103BS.3	To understand various crystal systems and there structures elaborately. Application of it to modern technology.	2,3
PH103BS.4	To study various crystal imperfections and its application if its advance technology improvement.	3
PH103BS.5	To study probing methods like X-Ray Diffraction. And testing the sample and research.	1,5

MAPPING:

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3
PH103BS.1	3	3	3	3	2	-	2	1	-	-	-	1	3	2	1
PH103BS.2	3	3	3	3	2	-	2	1	-	-	-	1	-	1	2
PH103BS.3	3	3	3	3	2	-	2	1	-	-	-	1	3	2	1
PH103BS.4	3	3	3	3	2	-	2	1	-	-	-	1	3	3	-
PH103BS.5	3	3	3	3	2	-	2	1	-	-	-	1	3	2	1
Average	3	3	3	3	2	0	2	1	0	0	0	1	3	2	1.25



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AY : 2017-18

I-B.Tech I Semester (R16 Regulation)

SUBJECT: PROFESSIONAL COMMUNICATION IN ENGLISH (EN104HS)

After going through this course, the student gets a thorough knowledge on

COURSE OUTCOMES:

S.No.	COURSE OUTCOMES	B.T. LEVEL
EN104HS.1	Use English Language Effectively in Spoken and Written Forms.	1
EN104HS.2	Comprehend the given text and respond appropriately.	2
EN104HS.3	Communicate confidently in formal and informal contexts.	1
EN104HS.4	Acquire basic proficiency in English including reading and listening comprehension, writing and speaking skills.	2,6
EN104HS.5	The vocabulary skills of the students will be developed to guess the meanings of the words in different contexts and finally in grasping the overall message of the text.	1
EN104HS.6	To express themselves fluently and appropriately in social and professional contexts.	2

MAPPING:

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3
EN104HS.1	-	1	-	1	1	2	3	3	2	3	3	3	-	-	3
EN104HS.2	-	1	-	1	1	2	1	2	1	2	2	1	-	-	3
EN104HS.3	3	1	1	1	-	3	1	3	3	3	3	3	2	2	3
EN104HS.4	-	-	1	-	2	1	1	2	2	3	2	2	-	-	2
EN104HS.5	-	-	-	1	1	1	1	1	-	1	1	1	1	1	2
Average	3	1	1	1	1.25	1.8	1.4	2.2	2	2.4	2.2	2	1.5	1.5	2.6



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AY : 2017-18

I-B.Tech I Semester (R16 Regulation)

SUBJECT: ENGINEERING MECHANICS (ME105ES)

After going through this course, the student gets a thorough knowledge on

COURSE OUTCOMES:

S.No.	COURSE OUTCOMES	B.T. LEVEL
ME105ES.1	Analyze the basic concepts of rigid bodies subjected to different types of loads and supports.	4
ME105ES.2	Analyze the motion of the bodies considering friction and external loads.	4
ME105ES.3	Determine centroids, centre of gravity and area moment of inertia of simple and composite figures.	3
ME105ES.4	Determine mass moment of inertia of simple and composite figures, find the virtual work of figures.	1,3
ME105ES.5	Analyse the motion of particle with & without considering forces.	4

MAPPING:

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3
ME105ES.1	2	2	-	-	1	-	1	-	-	1	-	1	2	2	1
ME105ES.2	2	3	2	2	1	-	2	-	-	1	-	2	2	2	1
ME105ES.3	2	2	1	2	2	-	1	-	-	1	-	2	2	2	1
ME105ES.4	2	2	1	1	2	-	1	-	-	1	-	1	2	2	1
ME105ES.5	2	2	1	2	2	-	1	-	-	1	-	1	2	2	1
Average	2	2.2	1.2	1.7	1.6	0	1.2	0	0	1	0	1.4	2	2	1



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I-B.Tech I Semester (R16 Regulation)

SUBJECT: BASIC ELECTRICAL AND ELECTRONICS ENGINEERING (EE106ES)

After going through this course, the student gets a thorough knowledge on

COURSE OUTCOMES:

S.No.	COURSE OUTCOMES	B.T. LEVEL
EE106ES.1	The student gets thorough knowledge on basics of circuit concepts	1
EE106ES.2	The student gets thorough knowledge on Resonance, network topology and network theorems	1
EE106ES.3	The student able to understand the basic electronic device Semiconductor diode and zener diode and its applications.	2
EE106ES.4	The student able to understand the working of transistors, its various configuration and their applications	2
EE106ES.5	The student able to design simple circuits containing non-linear elements such as transistors using the concepts of load lines, operating points and incremental analysis.	4

MAPPING:

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3
EE106ES.1	2	3	3	3	2	1	1	2	1	1	2	3	2	3	1
EE106ES.2	2	3	3	3	2	1	1	1	1	1	1	3	3	-	-
EE106ES.3	3	2	2	1	-	-	1	-	1	-	-	-	3	2	1
EE106ES.4	3	2	2	1	-	-	1	-	1	-	-	-	1	3	1
EE106ES.5	3	2	2	1	-	-	1	-	1	-	-	-	3	2	1
Average	2.6	2.4	2.4	1.8	2	1	1	1.5	1	1	1.5	3	2.4	2.5	1



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AY : 2022-23

I-B.Tech I Semester (R22 Regulation)

SUBJECT: BASIC ELECTRICAL ENGINEERING LAB (EE109ES)

After going through this course, the student gets a thorough knowledge on

COURSE OUTCOMES:

S.No.	COURSE OUTCOMES	B.T. LEVEL
EE109ES.1	Verify the basic Electrical circuits through different experiments	6
EE109ES.2	Evaluate the performance calculations of Electrical Machines and Transformers through various testing methods.	5,6
EE109ES.3	Analyse the transient responses of R, L and C circuits for different input conditions	4
EE109ES.4	Experimentally verify the basic circuit theorems	6
EE109ES.5	Measure power and power factor in ac circuits	5

MAPPING:

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3
EE109ES.1	3	2	1	-	1	-	-	-	2	-	2	2	2	1	1
EE109ES.2	3	2	1	-	3	1	-	1	1	2	1	2	1	3	-
EE109ES.3	3	2	1	1	3	2	-	-	1	-	2	2	2	-	1
EE109ES.4	2	2	2	2	-	2	1	-	2	2	1	1	3	2	2
EE109ES.5	2	2	2	2	-	2	1	1	2	2	1	1	2	1	1
Average	2.6	2	1.4	1.6	2.3	1.7	1	1	1.6	2	1.4	1.6	2	1.75	1.25



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AY : 2017-18

I-B.Tech I Semester (R16 Regulation)

SUBJECT: ENGLISH LANGUAGE COMMUNICATION SKILLS LAB (EN107HS)

After going through this course, the student gets a thorough knowledge on

COURSE OUTCOMES:

S.No.	COURSE OUTCOMES	B.T. LEVEL
EN107HS.1	Better understanding of nuances of language through audio0visual experience and group activities.	2
EN107HS.2	Neutralization of accent for intelligibility.	1
EN107HS.3	Speaking with clarity and confidence thereby enhancing employability skills of the students.	3
EN107HS.4	Build self –confidence and art of presentations	3
EN107HS.5	Overcome stage fear, develop team playing	6

MAPPING:

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3
EN107HS.1	3	2	1	3	3	2	2	3	3	3	3	3	-	1	1
EN107HS.2	3	2	1	3	3	2	2	3	3	3	3	3	-	2	1
EN107HS.3	3	2	1	3	3	2	2	3	3	3	3	3	1	-	1
EN107HS.4	3	2	1	3	3	2	2	3	3	3	3	3	1	2	1
EN107HS.5	3	2	1	3	3	2	2	3	3	3	3	3	-	2	1
Average	3	2	1	3	3	2	2	3	3	3	3	3	1	1.75	1



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I-B.Tech I Semester (R16 Regulation)

SUBJECT: ENGINEERING WORKSHOP (ME108ES)

After going through this course, the student gets a thorough knowledge on

COURSE OUTCOMES:

S.No.	COURSE OUTCOMES	B.T. LEVEL
ME108ES.1	Ability to understand the purpose of all the components of a computer system	2
ME108ES.2	Ability to assemble and disassemble the computer system	1
ME108ES.3	Ability to install and use different operation systems like windows, linux	3
ME108ES.4	Ability to create the documents, power point presentations and excel sheets	6
ME108ES.5	Ability to design the web sites	6

MAPPING:

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3
ME108ES.1	3	1	3	-	2	-	-	-	2	2	-	3	2	1	3
ME108ES.2	2	2	3	-	-	-	-	-	2	2	-	2	1	2	1
ME108ES.3	2	2	1	-	1	-	-	-	2	2	-	2	-	1	-
ME108ES.4	3	2	2	2	-	-	2	-	2	3	-	2	2	-	2
ME108ES.5	3	2	3	-	-	-	3	-	2	3	-	3	3	1	1
Average	2.6	1.8	2.4	2	1.5	0	2.5	0	2	2.4	0	2.4	2	1.25	1.75



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AY : 2017-18

I-B.Tech II Semester (R16 Regulation)

SUBJECT: ENGINEERING PHYSICS-II (PH201BS)

After going through this course, the student gets a thorough knowledge on

COURSE OUTCOMES:

S.No.	COURSE OUTCOMES	B.T. LEVEL
PH201BS.1	Realize the importance of behavior of a particle quantum mechanically.	1
PH201BS.2	Learn concentration estimation of charge carriers in semiconductors.	5
PH201BS.3	Learn various magnetic dielectric properties and apply them in engineering applications	3
PH201BS.4	Know the basic principles and applications of super conductors	1
PH201BS.5	Some basic concept of nano Science and technology	2

MAPPING:

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3
PH201BS.1	3	3	3	3	2	3	2	-	-	3	2	2	3	2	1
PH201BS.2	3	3	3	3	3	3	2	-	-	3	2	2	3	2	1
PH201BS.3	3	3	3	3	3	3	2	-	-	3	2	2	3	2	1
PH201BS.4	3	3	3	3	3	3	2	-	-	2	2	2	3	2	1
PH201BS.5	3	3	3	3	3	3	2	-	-	2	2	2	3	2	1
Average	3	3	3	3	2.8	3	2	0	0	2.6	2	2	3	2	1



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I-B.Tech II Semester (R16 Regulation)

SUBJECT: MATHEMATICS-II (MA202BS)

After going through this course, the student gets a thorough knowledge on

COURSE OUTCOMES:

S.No.	COURSE OUTCOMES	B.T. LEVEL
MA202BS.1	Student will be able to apply Laplace transforms to solve initial value problems used in different areas of engineering	3
MA202BS.2	Student will be able to evaluate improper integrals using Beta and Gamma functions	6
MA202BS.3	Multiple integrals and can apply these concepts to find the area and volume of various regions using double and triple integrals.	1,3
MA202BS.4	Students will able to learn fundamental vector calculus apply those logics in the fields like gravitation and electric fields	3
MA202BS.5	Students will able to evaluate the line, surface and volume integrals and converting them from one to another	6

MAPPING:

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3
MA202BS.1	3	3	3	2	2	1	-	-	-	1	1	2	1	2	-
MA202BS.2	3	2	3	3	1	1	-	-	-	1	2	1	2	3	3
MA202BS.3	3	3	2	2	2	1	-	-	1	2	2	1	3	-	2
MA202BS.4	3	2	2	2	2	1	-	-	1	1	1	1	-	1	3
MA202BS.5	3	2	2	2	2	1	-	-	1	1	1	1	1	1	3
Average	3	2.4	2.4	2.2	1.8	1	0	0	1	1.2	1.4	1.2	1.75	1.75	2.75



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I-B.Tech II Semester (R16 Regulation)

SUBJECT: MATHEMATICS-III (MA203BS)

After going through this course, the student gets a thorough knowledge on

COURSE OUTCOMES:

S.No.	COURSE OUTCOMES	B.T. LEVEL
MA203BS.1	Differentiate among random variables involved in the probability models which are useful for all branches of engineering	2
MA203BS.2	Calculate mean, proportions and variances of sampling distributions and to make important decisions for few samples which are taken from a large data	4
MA203BS.3	Student will able to solve the tests of ANOVA for classified data	3,5
MA203BS.4	Students will able to understand the knowledge of interpolation and apply in scientific and engineering problems	1,2,3
MA203BS.5	Students will able to solve the numerical solutions for a given first order initial value problem	3

MAPPING:

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3
MA203BS.1	3	3	3	3	2	1	-	-	-	1	1	2	1	1	1
MA203BS.2	3	2	2	3	1	1	-	-	-	1	2	1	1	1	1
MA203BS.3	3	3	2	3	2	1	-	-	1	2	2	1	1	1	1
MA203BS.4	3	2	3	2	2	1	-	-	1	1	1	1	1	1	1
MA203BS.5	3	2	3	2	2	1	-	-	1	1	1	1	1	1	1
Average	3	2.4	2.6	2.6	1.8	1	0	0	1	1.2	1.4	1.2	1	1	1



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I-B.Tech II Semester (R16 Regulation)

SUBJECT: COMPUTER PROGRAMMING IN C (CS204ES)

After going through this course, the student gets a thorough knowledge on

COURSE OUTCOMES:

S.No.	COURSE OUTCOMES	B.T. LEVEL
CS204ES.1	Develop the flow charts and algorithms, and then implement, compile and debug programs in C language for solving a problem	6
CS204ES.2	Design programs involving decision structures, loops for problem solving	6
CS204ES.3	Design programs to develop applications using array data structure	6
CS204ES.4	Solve scientific problems using functions	3
CS204ES.5	Make use of pointers to design applications for efficient and dynamic memory allocation	3,6

MAPPING:

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3
CS204ES.1	3	3	3	1	-	-	1	1	-	3	-	-	2	1	-
CS204ES.2	3	3	2	-	2	-	2	-	2	3	-	-	2	-	2
CS204ES.3	3	3	2	2	-	-	-	2	-	3	-	-	2	2	-
CS204ES.4	3	3	3	-	2	-	-	-	2	3	-	-	2	-	2
CS204ES.5	2	2	3	1	1	-	-	1	1	2	-	-	2	1	1
Average	2.8	2.8	2.6	1.3	1.6	0	1.5	1.3	1.6	2.8	0	0	2	1.33	1.67



VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

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Department of Basic Science & Humanities

AY : 2017-18

I-B.Tech II Semester (R16 Regulation)

SUBJECT: ENGINEERING GRAPHICS (ME205ES)

After going through this course, the student gets a thorough knowledge on

COURSE OUTCOMES:

S.No.	COURSE OUTCOMES	B.T. LEVEL
ME205ES.1	Student are able to draw various engineering curves in different methods and learned methods of dimensioning	1
ME205ES.2	Students can draw the first and third angle projections of points, lines and planes.	1
ME205ES.3	Students are able to draw the projections of solids.	1
ME205ES.4	Students are able to draw the projections of sections and developments of solids.	1,6
ME205ES.5	Students are able to draw the isometric views and convert isometric to orthographic and vice versa.	1,2

MAPPING:

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3
ME205ES.1	1	1	-	-	-	1	-	-	-	1	-	-	2	1	1
ME205ES.2	1	2	1	1	1	1	-	-	-	1	-	-	-	1	3
ME205ES.3	1	3	3	1	2	1	-	-	1	1	-	2	2	2	1
ME205ES.4	1	3	3	1	2	1	-	1	1	1	1	2	2	1	-
ME205ES.5	1	2	2	1	3	1	1	1	1	1	1	2	2	1	1
Average	1	2.2	2.2	1	2	1	1	1	1	1	1	2	2	1.2	1.5



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Department of Basic Science & Humanities

AY : 2017-18

I-B.Tech II Semester (R16 Regulation)

SUBJECT: ENGINEERING CHEMISTRY LAB (CH206BS)

After going through this course, the student gets a thorough knowledge on

COURSE OUTCOMES:

S.No.	COURSE OUTCOMES	B.T. LEVEL
CH206BS.1	To acquire practical knowledge on the basic chemistry principles to apply in electrical and electronics engineering	1,3
CH206BS.2	To acquire practical knowledge on the techniques for the preparation and characterization of materials	1
CH206BS.3	To acquire knowledge on electrochemical techniques	1
CH206BS.4	To acquire training in accurate and precise data collection	
CH206BS.5	Acquire the knowledge to compute residues and integrals using the residue theorem	1

MAPPING:

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3
CH206BS.1	1	1	1	1	2	3	3	2	2	3	2	3	-	-	2
CH206BS.2	1	1	1	1	1	3	3	2	2	3	2	3	-	-	1
CH206BS.3	2	-	1	-	-	3	3	2	2	3	2	3	1	1	2
CH206BS.4	2	1	1	1	2	2	3	2	2	2	2	-	-	-	2
CH206BS.5	2	1	1	2	2	2	3	2	2	3	2	2	-	-	2
Average	1.6	0.8	1	1	1.4	2.6	3	2	2	2.8	2	2.2	0.2	0.2	1.8



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Department of Basic Science & Humanities

AY : 2017-18

I-B.Tech II Semester (R16 Regulation)

SUBJECT: ENGINEERING PHYSICS LAB (PH207BS)

After going through this course, the student gets a thorough knowledge on

COURSE OUTCOMES:

S.No.	COURSE OUTCOMES	B.T. LEVEL
PH207BS.1	Understand experimentally the concepts in optics like interference and diffraction and know fundamental to future application and present applications	2
PH207BS.2	Explore the functionality of capacitors, resistors, inductors. And the way of working in present technology industry.	1
PH207BS.3	Understand the functioning of various semiconductor devices, optical fibers, LEDs and Solar cells which will help the students in their further studies. And knowing fundamental behavior of devices and it application for present and future technology.	2
PH207BS.4	Understanding mechanical properties of strings and mechanical vibrations. And for industrial application.	2
PH207BS.5	Knowing LCR and CR circuit application in present technology.	1

MAPPING:

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3
PH207BS.1	3	3	3	3	2	-	2	1	-	-	-	1	3	3	1
PH207BS.2	3	3	3	3	2	-	2	1	-	-	-	1	2	2	2
PH207BS.3	3	3	3	3	2	-	2	1	-	-	-	1	1	1	-
PH207BS.4	3	3	3	3	2	-	2	1	-	-	-	1	3	2	1
Average	3	3	3	3	2	0	2	1	0	0	0	1	2.25	2	1



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Department of Basic Science & Humanities

AY : 2017-18

I-B.Tech II Semester (R16 Regulation)

SUBJECT: COMPUTER PROGRAMMING IN C LAB (CS208ES)

After going through this course, the student gets a thorough knowledge on

COURSE OUTCOMES:

S.No.	COURSE OUTCOMES	B.T. LEVEL
CS208ES.1	Implement, compile and debug programs in C language for solving a problem	6
CS208ES.2	Design programs involving decision structures, loops for problem solving	6
CS208ES.3	Design programs to develop applications using array data structure	6
CS208ES.4	Apply functions to solve real world problems	3
CS208ES.5	Make use of pointers to design applications with efficient use of memory	6

MAPPING:

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3
CS208ES.1	1	-	-	3	-	-	-	-	3	-	-	-	-	2	1
CS208ES.2	1	1	-	3	1	-	2	-	2	-	1	2	2	3	1
CS208ES.3	2	-	-	3	-	-	2	-	2	-	-	-	3	2	2
CS208ES.4	-	3	-	3	1	-	3	-	-	-	1	1	1	-	-
CS208ES.5	-	-	-	3	-	-	-	-	-	-	-	-	-	2	3
Average	1.33	2	0	3	1	0	2.3	0	2.3	0	1	1.5	2	2.25	1.75