Lesson plan

Name - Dr. yogesh Kundu
Sem.-ii
Discipline- English language -ii
Subject - English language-II
Lesson plan Duration- 15 weeks(From January,2018 to April,2018)
Work Load(Lecture/Practical)per weer(in hours);

Theory			practical	
week	Lecture day	Topic (including assignment/test)	Practical day	Topic
1	1	prepositions	1	Debate
	2	prepositions	2	Debate
	3	prepositions		
2	1	Framing Questions	1	Telephonic conversation
	2	Framing Questions	2	General etiquette for making and receiving calls
	3	Framing Questions		
3	1	Conjunctions	1	Offering Responding to Requests
	2	Conjunctions		
	3	Tenses	2	Requesting Responding to Requests
4	1	Tenses	1	Congratulating
	2	Tenses		
	3	unseen comprehensive passage	2	Exploring, sympating and Condolences
5	1	unseen comprehensive passage	1	Asking questing polite Responses
	2	Vocabulary enhancement		
	3	Prefixes, suffixes	2	Apologizing, forgiving
6	1	One word substitution	1	complaining
	2	synonym and antonyms		
	3	unseen passage for comprehension	2	warning
7	1	Prefixes, suffixes	1	Asking and giving information
	2	One word substitution		
	3	synonym and antonyms	2	Getting and giving permission
8	1	unseen comprehensive passage	1	Asking and giving opinions
	2	Prefixes, suffixes		
	3	One word substitution ,synonym and Antonym	2	listening skills on software
9	1	writing skill	1	listening skills on software
	2	Business letters		
	3	Floating quotations	2	listening skills on software

	1	Floating quotations		listening skills on
	2	Placing order	1	software
10	3	Placing order	2	Reading skills on software
	1	complaint letters		
	2	complaint letters	1	Reading skills on software
11	3	official letters	2	Reading skills on software
	1	Letters to government		
	2	Letters to government and other offices	1	Reading skills on software
12	3	Letters to government and other offices	2	Reading skills on software
	1	Memos		speaking skills on
	2	Memos	1	software
13	3	Circular	2	speaking skills on software
	1	Circular		speaking skills on
	2	Office orders	1	software
14	3	Office orders	2	Writing skills on software
	1	Agenda & Minutes of the meeting		
	2	Agenda & Minutes of the meeting	1	Writing skills on software
15	3	Agenda & Minutes of the meeting	2	Writing skills on software

Lesson plan

Name - Usha Sainshri
Branch - common
Sem .- 2nd
subject- Applied chemistry

Theory				Practical
Week	Lecture day	Topic covered	Practical day	Experiment
1	1	General metallurgy	1	Gravimetric analysis and apparatus used in gravimetric analysis
	2	Metallurgy of iron, copper		
	3	Metallurgy of Aluminum		
2	1	Manufacture of steel	2	Determination of percentage purity of commercial sample of blue vitriol using N/20 Na2S2O3
	2	Alloy - Definition , purpose		
	3	Types of alloys , properties		
3	1	Applications of alloys	3	Gravimetric estimation of moisture in the given coal sample
	2	Definition of corrosion ,types		
	3	Factors affecting corrosion		
4	1	Theories of corrosion	4	Determination of percentage Composition of Volable /non-volable matter in the given coal sample
	2	Prevention of corrosion		
	3	Passivity in corrosion ,Revision		
5	1	Fuels- Definition , classification	5	Gravimetric estimation of ash content in the given coal sample
	2	characteristics of good fuel		
	3	calorific value, determination		
6	1	Numerical problems of calorific value	6	Determination of viscosity of given liquid using Redwood Viscometer
	2	Types and analysis of coal		
	3	Fuel rating -octane & cetin		
7	1	Gaseous fuel - Natural gas,CNG,LPG	7	Determination of flash point of given lubricating oil using Able's flash point apparating
	2	Producer gas, biogas		
	3	Water gas composition ,applications & calorific value		

	1	Elementary idea on hydrogen as future fuels , nuclear fuels		To study of effects of metal coupling
	2	Lubricants and Lubrication		
8	3	Classification of Lubricants	8	of corrosion of iron
	1	Physical properties of lubricants		
	2	chemical properties of lubricants		
9	3	Designation of lubricating oils according to SAE	9	Detection of tron metal in the given solution of rest
	1	Cutting fluids - applications		
	2	Types and factors that govern the selection cutting fluids		
10	3	Revision of lubricants	10	Revision of I & II experiments
	1	Refractories - ceramics		
	2	Types & application of composite material		
11	3	Glass - soda , borosilicate composition & application	11	Revision of III & IV experiments
	1	Applications - composition of lead glass		
	2	Definition, constituents & advantages of paints		
12	3	Definition , constituent & advantages of varnish and enamels	12	
	1	Definition of polymer , monomer , degree of polymerization		
	2	Addition and Condensation polymerization		
13	3	PVC , Teflon, polyethene	13	Revision of vii experiment
	1	Nylon-66 and Bakelite	14	Revision of viii experiment
	2	Definition of plastics thermoplastics & thermo-setting		
14	3	Distinctions b/w thermoplastics & thermo settings		
	1	Applications of polymers in industry		
	2	Applications of polymers in daily life		
15	3	Revision of above lesson	15	Revision of ix experiment

Lesson plan

Name - Ms. Neeru
Discipline- common
semester- 2nd
Subject - App. maths II

week	Lecture day	Topic
	1	Definition of function ; concept of limits.
	2	four standard limits
	3	differentiation by definition of x^n,sinx,cos x,e^x,$\log a^x$ only
	4	Differentiation of sum, product and quotient of functions, differentiation of function of a function.
1	5	Problems based on above topics.
	1	Differentiation of inverse trigonometrically functions, logarithmic differentiation
	2	logarithmic differentiation
	3	exponential differentiation
	4	successive differentiation(up to third order only)
2	5	Successive differentiation, parametric function.
	1	Problem based on above topics.
	2	Applications (a) maxima and minima
	3	(b) equation of tangent and normal to a curve
	4	Problems based on above topics.
3	5	Assignment on unit-1
	1	class test on unit 1
	2	integration as inverse operation of differentiation
	3	integration as inverse operation of differentiation
	4	simple standard integrals and related problems
4	5	Problems based on above topics.
	1	simple standard integrals and related problems
	2	simple integration of substitution
	3	integration of substitution
	4	integration by parts
5	5	integration by parts
	1	Problems based on above topics.
	2	integration by partial fractions
	3	integration by partial fractions
	4	Problems based on above topics.
6	5	evaluation of definite integrals
	1	evaluation of definite integrals
	2	evaluation of definite integrals
	3	problems based on above topics.
	4	problems based on above topics.
7	5	Numerical integration by Simpson's rule
	1	problems based on Simpson's rule
	2	Numerical integration by Trapezoidal rule
8	3	problems based on Trapezoidal rule

	4	problems based on indefinite integral
	5	problems based on definite integral and Assignment based on unit ii
	1	class test on unit ii
	2	introduction of differential equations
	3	Definition ,order, degree of differential equation
	4	linear and non-linear differential equations
9	5	linear and non-linear differential equations
	1	Problems based on above topics.
	2	formation of differential equations (up to 2 order)
	3	formation of differential equations
	4	Problems based on above topics.
10	5	solution of first order diff. equations
	1	solution of first order diff. equations(problems)
	2	Assignment on unit-iii
	3	class test of unit - iii
	4	class test will be discussed
11	5	introduction of statistics
	1	measures of central tendency - ; mean
	2	problems on mean will be discussed
	3	median
	4	mode
12	5	Problems based on above topics.
	1	measures of Dispersion ;mean deviation
	2	mean deviation
	3	standard deviation
	4	standard deviation
13	5	Problems based on above topics.
	1	co-efficient of rank correlation
	2	co-efficient of rank correlation
	3	Problems based on above topics.
	4	Revision of iv unit
14	5	Assignment on unit 4
15	1	class test of unit - iv
	2	Revision of Unit 1
	3	Revision of unit 2
	4	Revision of unit 3
	5	Revision of unit 4

Lesson plan

Name - Ms Bhawna Chaudhary
Discipl. - common
Sem. - II
subject - Applied Physics II

Theory			Practical	
Week	Lecture day	Topic	Practical day	Experiment
	1	Wave motion , Transvase and longitudinal		
	2	terms used in wave motion		
	3	Rel ^ among wave velocity , frequency and wave length		
1	4	S.H.M	1	1. To find the time period of a simple
	1	Cantilever,free,forced and resonant vibrations		
	2	Acoustics of building		
	3	Acoustics of building		2. To find and verify the time period
2	4	LII transonic	2	of cantilevers
	1	Applications of Ultrasonic		
	2	Assignment based on unit-1		
	3	class test on unit-1		Reserved for completing expt 1 and
3	4	optics- reflection and refraction	3	expt 2
	1	Refractive index, lens formula		
	2	power of lens		
	3	Total internal reflection		3.To verify laws of reflection of light
4	4	Microscope and telescope	4	using mirror
	1	Assignment based on unit-2		
	2	class test on unit-2		
	3	Electrostatics -coulomb's law		4.To identify components like
5	4	unit charge, electric field, electric potential	5	resistance capacitor, diode
	1	electric field due to point charge		
	2	Gauss law		
	3	capacitor and capacitance		
6	4	sense and parallel combination of capacitors	6	Reserved for completing expt 3 and expt 4
	1	Numerical problems		
	2	Assignment based on unit -3		
	3	discussion of on difficult topics		5.To study color coding scheme
7	4	test on unit -3	7	of resistance
	1	current electricity - DC and AC		
8	2	Resistance, specific resistance	8	6. To verify ohm's law

	3	combination of resistance		
	4	[HOLIDAY DUE TO HOLI]		
	1	ohm's law		
	2	super conductivity, electric power		
	3	electrical energy units		Reserved for completing expt 5
9	4	Heating effect of current Igrdtioff's laws	9	and expt 6
	1	Assignment based on unit -4		
	2	class test on unit 4		7. to verify laws of series combination
	3	electromagnetism - introduction		
10	4	types of magnetic materials	10	of resistances
	1	magnetic field , magnetic flux		
	2	electromagnetic induction		8. To verify laws of parallel combination
	3	Assignment based on unit 5		
11	4	Class test on unit 5	11	of resistances
	1	semi conductor physics - energy bank		
	2	extrinsic and intrinsic semi conductor		
	3	p -n function diode , v- I characteristics		Reserved for completing expt 7
12	4	diode as rectifier , transistor (introduction)	12	and expt 8
	1	Assignment based on unit 6		
	2	modern physics - Laser		
	3	Application of lasers		
13	4	fiber optics , applications	13	Practicing by redoing experiments
	1	introduction to nanotechnology		
	2	Assignment based on unit 7		
	3	revision of unit 1		
14	4	revision of unit 2 and 3	14	Practicing by redoing experiments
	1	revision of unit 4 and 5		
	2	revision of unit 6 and 7		
	3	solving previous years question paper		
15	4	solving previous years question paper	15	test for practical examination