Lesson Plan

Name of the Assistant/ Associate Professor... ASHA RANI.....
Class and Section. ..... B.Sc. II nd year..... IV th sem.
Subject: ..... Hindi .....

Week	Date	Topics
1	1-Jan-18	पाठ्यक्रम का परिचय ।
	2-Jan-18	महादेवी वर्मा का जीवन परिचय ।
	3-Jan-18	दक्षा नामक संस्मरण का सार ।
	4-Jan-18	(दक्षा) गद्यांशों की व्याख्या ।
	5-Jan-18	निराला भाई संस्मरण की सार समीक्षा ।
	6-Jan-18	(निराला भाई संस्मरण) गद्यांशों की व्याख्या ।
	7-Jan-18	Sunday
2	8-Jan-18	प्रेमचन्द संस्मरण का सार
	9-Jan-18	नियमित कार्य उपरोक्त के सन्दर्भ में ।
	10-Jan-18	(प्रेमचन्द संस्मरण) गद्यांशों की व्याख्या ।
	11-Jan-18	जयशंकर प्रसाद संस्मरण की सार समीक्षा ।
	12-Jan-18	(जयशंकर प्रसाद संस्मरण) गद्यांशों की व्याख्या ।
	13-Jan-18	सुमित्रानन्दन पंत संस्मरण का सार ।
	14-Jan-18	Sunday
3	15-Jan-18	(सुमित्रानन्दन पंत संस्मरण) गद्यांशों की व्याख्या ।
	16-Jan-18	नियमित कार्य उपरोक्त के सन्दर्भ में ।
	17-Jan-18	सुभद्रा कुमारी संस्मरण का सार ।
	18-Jan-18	(सुभद्रा कुमारी संस्मरण) गद्यांशों की व्याख्या ।
	19-Jan-18	प्रणाम : रवीन्द्रनाथ संस्मरण का सार ।
	20-Jan-18	(रवीन्द्रनाथ संस्मरण) गद्यांशों की व्याख्या ।
	21-Jan-18	Sunday
4	22-Jan-18	Vasant Panchami
	23-Jan-18	पुण्य संस्मरण : राष्ट्रपिता महात्मा गांधी का सार ।
	24-Jan-18	Sir Chhotu Ram Jayanti
	25-Jan-18	(महात्मा गांधी संस्मरण) गद्यांशों की व्याख्या ।
	26-Jan-18	Republic Day
	27-Jan-18	नियमित कार्य उपरोक्त के सन्दर्भ में।
	28-Jan-18	Sunday
5	29-Jan-18	राजेन्द्र बाबू संस्मरण की सार समीक्षा ।
	30-Jan-18	(राजेन्द्र बाबू संस्मरण) गद्यांशों की व्याख्या ।
	31-Jan-18	Guru Ravidas Birthday

Lesson Plan

Name of the Assistant/ Associate Professor..... ASHA RANI .....
Class and Section:..... B.Sc. IInd year IVth sem. .....
Subject:..... Hindi .....

Week	Date	Topics
1	1-Feb-18	जवाहर भाई संस्मरण का सार ।
	2-Feb-18	(जवाहर भाई संस्मरण) गद्यांशों की व्याख्या ।
	3-Feb-18	संत राजर्षि संस्मरण की सार समीक्षा ।
	4-Feb-18	Sunday
2	5-Feb-18	(संत राजर्षि संस्मरण) गद्यांशों की व्याख्या ।
	6-Feb-18	नियमित कार्य उपरोक्त के सन्दर्भ में ।
	7-Feb-18	(संत राजर्षि संस्मरण) गद्यांशों की पुनः व्याख्या ।
	8-Feb-18	निबन्ध लेखन - महिलाधिकार ।
	9-Feb-18	निबन्ध लेखन — गांधी दर्शन ।
	10-Feb-18	Maharshi Dayanand Saraswati Jayanti
	11-Feb-18	Sunday
3	12-Feb-18	निबन्ध लेखन — शिक्षा और राजनीति ।
	13-Feb-18	Maha Shivratri
	14-Feb-18	निबन्ध लेखन - विज्ञान और पर्यावरण प्रदूषण ।
	15-Feb-18	निबन्ध लेखन - विश्व विख्यात वैज्ञानिक और उनके आविष्कार ।
	16-Feb-18	निबन्ध लेखन — आकाशवाणी (रेडियो) ।
	17-Feb-18	निबन्ध लेखन — कम्प्यूटर तथा इन्टरनेट ।
	18-Feb-18	Sunday
4	19-Feb-18	निबन्ध लेखन — जनसंख्या विस्फोट ।
	20-Feb-18	नियमित कार्य उपरोक्त के सन्दर्भ में ।
	21-Feb-18	निबन्ध लेखन — विद्यार्थी और अनुशासन ।
	22-Feb-18	निबन्ध लेखन - नशा और युवावर्ग ।
	23-Feb-18	निबन्ध लेखन — मानवाधिकार ।
	24-Feb-18	निबन्ध लेखन — बेटी बचाओ - बेटी पढ़ाओ ।
	25-Feb-18	Sunday
5	26-Feb-18	निबन्ध लेखन — भारतीय और पाश्चात्य संस्कृति ।
	27-Feb-18	निबन्ध लेखन — भारत और तकनीकी विकास ।
	28-Feb-18	नियमित कार्य उपरोक्त के सन्दर्भ ।

Lesson Plan

me of the Assistant/ Associate Professor..... ASHA RANI .....
ass and Section:..... B.Sc. II year IIIrd sem. .....
ubject:..... Hindi .....

Week	Date	Topics
1	1-Mar-18	अर्द्ध-सरकारी पत्र - परिचय
	2-Mar-18	Holi
	3-Mar-18	अर्द्ध-सरकारी पत्र ।
	4-Mar-18	Sunday
2	5-Mar-18	अर्द्ध-सरकारी पत्र ।
	6-Mar-18	
	7-Mar-18	अर्द्ध - सरकारी पत्र ।
	8-Mar-18	अर्द्ध - सरकारी पत्र ।
	9-Mar-18	अर्द्ध - सरकारी पत्र ।
	10-Mar-18	निर्मित कार्य उपरोक्त के सन्दर्भ में ।
	11-Mar-18	Sunday
3	12-Mar-18	अर्द्ध - सरकारी पत्र ।
	13-Mar-18	अर्द्ध - सरकारी पत्र ।
	14-Mar-18	अर्द्ध - सरकारी पत्र ।
	15-Mar-18	अर्द्ध - सरकारी पत्र ।
	16-Mar-18	अर्द्ध - सरकारी पत्र ।
	17-Mar-18	निर्मित कार्य उपरोक्त के सन्दर्भ में ।
	18-Mar-18	Sunday
4	19-Mar-18	तार - लेखन शैली का परिचय ।
	20-Mar-18	तार - लेखन परिचय ।
	21-Mar-18	तार - लेखन ।
	22-Mar-18	तार - लेखन ।
	23-Mar-18	तार लेखन ।
	24-Mar-18	तार लेखन ।
	25-Mar-18	Sunday/ Ram Navami
5	26-Mar-18	तार लेखन ।
	27-Mar-18	तार लेखन ।
	28-Mar-18	तार लेखन ।
	29-Mar-18	Mahavir Jayanti
	30-Mar-18	तार लेखन ।
	31-Mar-18	निर्मित कार्य उपरोक्त के सन्दर्भ में ।

Lesson Plan

Name of the Assistant/ Associate Professor..... ASHA RANI .....
Class and Section:..... B.Sc II Nd year IV th sem. .....
Subject:..... Hindi .....

Week	Date	Topics
1	1-Apr-18	Sunday
	2-Apr-18	तार - लेखन ।
	3-Apr-18	तार लेखन ।
	4-Apr-18	तार लेखन ।
	5-Apr-18	तार लेखन ।
	6-Apr-18	तार लेखन ।
	7-Apr-18	नियमित कार्य उपरोक्त के सन्दर्भ में।
	8-Apr-18	Sunday
2	9-Apr-18	वैज्ञानिक शब्दावली परिचय
	10-Apr-18	वैज्ञानिक शब्दावली ।
	11-Apr-18	वैज्ञानिक शब्दावली ।
	12-Apr-18	वैज्ञानिक शब्दावली ।
	13-Apr-18	वैज्ञानिक शब्दावली ।
	14-Apr-18	Dr Ambedkar Jayanti / Vaisakhi
	15-Apr-18	Sunday
3	16-Apr-18	वैज्ञानिक शब्दावली ।
	17-Apr-18	वैज्ञानिक शब्दावली ।
	18-Apr-18	Parashurama Jayanti
	19-Apr-18	नियमित कार्य उपरोक्त के सन्दर्भ में।
	20-Apr-18	Revision (संस्मरण)
	21-Apr-18	Revision (संस्मरण)
	22-Apr-18	Sunday
4	23-Apr-18	Revision (संस्मरण)
	24-Apr-18	Revision निबंध लेखन
	25-Apr-18	Revision निबंध लेखन
	26-Apr-18	Revision निबंध लेखन.
	27-Apr-18	Revision पत्र लेखन.
	28-Apr-18	Revision वैज्ञानिक शब्दावली

Lesson Plan

Name of the Assistant/ Associate Professor... BHAGWATI.....
Class and Section. B.Sc. IV th Sem.....
Subject: STATISTICAL PHYSICS AND OPTICS (PAPER-I) – (PHYSICS)

Week	Date	Topics
1	1-Jan-18	Introduction to statistical Physics
	2-Jan-18	Trials, Events and types of events
	3-Jan-18	Permutations and Combinations
	4-Jan-18	Probability and Probability theorems.
	5-Jan-18	Tossing of two and three like & unlike coins.
	6-Jan-18	Lab:- Input and output characteristics of PNP and NPN transistor in common base configuration
	7-Jan-18	Sunday
2	8-Jan-18	Combination possessing maximum & min. probability.
	9-Jan-18	Distribution of molecules in two boxes.
	10-Jan-18	Microstates and macrostates of particles.
	11-Jan-18	Thermodynamic probability (W)
	12-Jan-18	Relation b/w W and probability of macro-states
	13-Jan-18	Lab:- Input and O/P char. of PNP and NPN transistor in common emitter configuration.
	14-Jan-18	Sunday
3	15-Jan-18	Constrains and accessible states
	16-Jan-18	Most probable and least probable macrostates
	17-Jan-18	Case with weightage (General case)
	18-Jan-18	Binomial theorem of probability.
	19-Jan-18	Most probable distribution and statistical fluctuation
	20-Jan-18	Lab:- To study ripple factor at dc power supply.
	21-Jan-18	Sunday
4	22-Jan-18	Vasant Panchami
	23-Jan-18	Phase space, Static and dynamic system
	24-Jan-18	Sir Chhotu Ram Jayanti
	25-Jan-18	Assignment on Probability
	26-Jan-18	Republic Day
	27-Jan-18	Lab:- To study frequency response curve of transistorised R.C. coupled amplifier
	28-Jan-18	Sunday
5	29-Jan-18	Basic postulates of statistical physics
	30-Jan-18	Size of phase space cell & occupation index
	31-Jan-18	No. of phase space cell in interval p and p+dp

Lesson Plan

Name of the Assistant/ Associate Professor: BHAGWATI

Class and Section: B.Sc. IV th Sem.

Subject: STATISTICAL PHYSICS (PAPER-I)

Week	Date	Topics
1	1-Feb-18	β parameter and its significance.
	2-Feb-18	Entropy and probability
	3-Feb-18	Lab- To find out frequency of a turning fork by Melde's experiment
	4-Feb-18	Sunday
2	5-Feb-18	Basic approach in three statistics
	6-Feb-18	Boltzmann's distribution law & β determination
	7-Feb-18	Classical versus quantum mechanics
	8-Feb-18	Numericals on probability
	9-Feb-18	Differenciate between three statistics
	10-Feb-18	Maharshi Dayanand Saraswati Jayanti
	11-Feb-18	Sunday
3	12-Feb-18	Identical particles
	13-Feb-18	Maha Shivratri
	14-Feb-18	Bose Einstein statistics Conditions
	15-Feb-18	Determination of thermodynamic probability
	16-Feb-18	Effect of indistinguishability in B.E.
	17-Feb-18	Lab- Study of series and parallel resonant ckt.
	18-Feb-18	Sunday
4	19-Feb-18	Most probable macrostate in case of B.E.
	20-Feb-18	Black body Radiations
	21-Feb-18	Application of B.E. statistics to Planck's Radiation law
	22-Feb-18	B.E. gas, expression for no. of particles
	23-Feb-18	Expression for total energy of particles
	24-Feb-18	Lab:- Study of voltage doubler and tripler ckt.
	25-Feb-18	Sunday
5	26-Feb-18	Assignment on Bose Einstein statistics
	27-Feb-18	M.B. distribution as limiting case of B.E. distribution
	28-Feb-18	Degeneracy and Bose Einstein Condensation

Lesson Plan

Name of the Assistant/ Associate Professor..BHAGWATI.....

Class and Section:....B.Sc. IV th Sem.....

Subject:....STATISTICAL PHYSICS (PAPER-I).....

Week	Date	Topics
1	1-Mar-18	Guru Ravidas Birthday
	2-Mar-18	Holi
	3-Mar-18	Do Print out all natural no. b/w given limits using Computer
	4-Mar-18	Sunday
2	5-Mar-18	Degeneracy parameter and B.E. Condensation
	6-Mar-18	Fermi Dirac statistics Conditions
	7-Mar-18	Determination of thermodynamic probability
	8-Mar-18	Most probable macrostate
	9-Mar-18	Continuum limit for no. of particles.
	10-Mar-18	Lab:- To find maximum, minimum and range of given set of numbers using Computer
	11-Mar-18	Sunday
3	12-Mar-18	Fermi-Dirac Gas
	13-Mar-18	F.D. distribution law of fermi energy
	14-Mar-18	F.D. distribution function f(u)
	15-Mar-18	F.D. distribution conclusion
	16-Mar-18	Assignment of F.D. distribution
	17-Mar-18	Lab:- To evaluate sum of finite series
	18-Mar-18	Sunday
4	19-Mar-18	Fermi energy
	20-Mar-18	Determination of $u_f(0)$
	21-Mar-18	Fermi energy at tempreture other than zero.
	22-Mar-18	Degeneracy of fermi gas
	23-Mar-18	Weak degeneracy
	24-Mar-18	Lab:- Find roots of quadratic equation using Computer
	25-Mar-18	Sunday/ Ram Navami
5	26-Mar-18	Strong degeneracy At absolute zero
	27-Mar-18	Strong degeneracy other than absolute zero.
	28-Mar-18	Strong degeneracy of fermi gas otherthan 0K
	29-Mar-18	Mahavir Jayanti
	30-Mar-18	Electron gas in metals
	31-Mar-18	Lab:- To find integration of definite integral by trapezoidal rule

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Lesson Plan

Name of the Assistant/ Associate Professor.....BHAGWATI.....

Class and Section:.....B.Sc.-IV th Sem.....

Subject:.....STATISTICAL PHYSICS (PAPER-I).....

Week	Date	Topics
1	1-Apr-18	Sunday
	2-Apr-18	Fermi tempreture of e^- gas
	3-Apr-18	Zero point energy of e^- gas
	4-Apr-18	Zero point pressure of e^- gas.
	5-Apr-18	Average speed of e^- gas at 0K.
	6-Apr-18	Numericals on F.D statistics.
	7-Apr-18	Lab:- Study series and parallel resonant ckt
	8-Apr-18	Sunday
2	9-Apr-18	Numericals on Fermi energy.
	10-Apr-18	Specific heat anamaly of metals
	11-Apr-18	Numericals on MB and BE statistics.
	12-Apr-18	Comparision of MB, BE, FD statistics
	13-Apr-18	Assignment on F.D statistics.
	14-Apr-18	Dr Ambedkar Jayanti / Vaisakhi
	15-Apr-18	Sunday
3	16-Apr-18	Numericals on Probability
	17-Apr-18	Numericals on micrstates & macrostates
	18-Apr-18	Parashurama Jayanti
	19-Apr-18	Numericals on Binomial theorem.
	20-Apr-18	Revision Probability, combination, Permutation
	21-Apr-18	Revision Phase space, statistical fluctuation, constraints
	22-Apr-18	Sunday Distribution of particles, thermodynamic probability
4	23-Apr-18	Revision Division of phase space cell, B parameter, B.E. statistics
	24-Apr-18	Revision Boltzman distribution law, Entropy and probability,
	25-Apr-18	Revision Planck's radiation law, B.E. gas.
	26-Apr-18	Revision F.D. statistics, Degeneracy and B.E. Condensation
	27-Apr-18	Revision F.D. gas, e^0 gas in metals
	28-Apr-18	Revision Specific heat of metals and its solution

Lesson Plan

Name of the Assistant/ Associate Professor... BHAGWATI.....
Class and Section. B.Sc. IV th Sem.....
Subject: OPTICS (PAPER-II) (PHYSICS).....

Week	Date	Topics
1	1-Jan-18	Introduction to interference by division of amplitude
	2-Jan-18	Interference in thin film
	3-Jan-18	Production of colours in thin film.
	4-Jan-18	Interference in wedge shaped film
	5-Jan-18	Int. in wedge shaped film by point source
	6-Jan-18	Lab:- Input and output charactoristics of PNP and NPN transistor in common base configuration
	7-Jan-18	Sunday
2	8-Jan-18	Newton's Rings
	9-Jan-18	Newton's rings by transmitted light
	10-Jan-18	Determination of Wavelength by Newton's Rings
	11-Jan-18	Determination of refractive index by Newton's Rings
	12-Jan-18	Michelson interferometer optical path of rays
	13-Jan-18	Adjustment of michelson interferometer
	14-Jan-18	Sunday
3	15-Jan-18	Formation of fringes.
	16-Jan-18	Determination of λ of monochromatic light
	17-Jan-18	Determination of μ of thin transparent film.
	18-Jan-18	Standarisation of meter
	19-Jan-18	Numericals on interference by division of amplitude
	20-Jan-18	Diffraction: Fresnel and Fraunhoffer.
	21-Jan-18	Sunday
4	22-Jan-18	Vasant Panchami
	23-Jan-18	Fresnel's half period zones
	24-Jan-18	Sir Chhotu Ram Jayanti
	25-Jan-18	Zone plates: Construction and working
	26-Jan-18	Republic Day
	27-Jan-18	Diffraction at straight edge
	28-Jan-18	Sunday
5	29-Jan-18	Diffraction at rectangular slit
	30-Jan-18	Diffraction at circular aperture
	31-Jan-18	Assignment on int. by division of amplitude

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Lesson Plan

Name of the Assistant/ Associate Professor... BHAGWATI.....

Class and Section:... B.Sc. IVth Sem.....

Subject:.... OPTICS (PAPER - II) (PHYSICS).....

Week	Date	Topics
1	1-Feb-18	Fraunhoffer diffraction at single slit
	2-Feb-18	Analytical treatment of diff. due to single slit
	3-Feb-18	Diff. due to double slit
	4-Feb-18	Sunday
2	5-Feb-18	Diffraction due to N slit.
	6-Feb-18	Position & intensity of sec. maxima in N slit diff.
	7-Feb-18	No. of orders of spectra in grating
	8-Feb-18	Width of principal maxima
	9-Feb-18	Determination of λ using grating
	10-Feb-18	Maharshi Dayanand Saraswati Jayanti
	11-Feb-18	Sunday
3	12-Feb-18	Dispersive power of grating
	13-Feb-18	Maha Shivratri
	14-Feb-18	Difference between prism and grating spectra
	15-Feb-18	Resolving power
	16-Feb-18	Lord Rayleigh criterion for limit of resolution
	17-Feb-18	Resolving power of telescope.
	18-Feb-18	Sunday
4	19-Feb-18	Relation between Magnifying power & Resolving power of telescope
	20-Feb-18	Comparision b/w magnifying power & resolving power.
	21-Feb-18	Resolving power of plane transmission grating
	22-Feb-18	Numericals on fraunhoffer diffraction
	23-Feb-18	Numericals on fresnel's diffraction
	24-Feb-18	Numericals on grating
	25-Feb-18	Sunday
5	26-Feb-18	Assignment on fraunhoffer diffraction
	27-Feb-18	Nature of light waves
	28-Feb-18	Polarisation

Lesson Plan

Name of the Assistant/ Associate Professor.....BHAGWATI.....

Class and Section:.....B.Sc. - IV Sem.....

Subject:.....~~STA~~ OPTICS (PAPER-II) (PHYSICS).....

Week	Date	Topics
1	1-Mar-18	Guru Ravidas Birthday
	2-Mar-18	Holi
	3-Mar-18	Plane polarised light
	4-Mar-18	Sunday
2	5-Mar-18	Ordinary / Unpolarised light
	6-Mar-18	Polarization by reflection
	7-Mar-18	Brewester's law
	8-Mar-18	Detection of plane polarized light
	9-Mar-18	Polarization by refraction
	10-Mar-18	Polarization by selective absorption
	11-Mar-18	Sunday
3	12-Mar-18	Polarization by scattering
	13-Mar-18	Law of malus
	14-Mar-18	Double refraction
	15-Mar-18	Ordinary and extra ordinary ref. indices
	16-Mar-18	Types of crystals
	17-Mar-18	Polarization by double refraction
	18-Mar-18	Sunday
4	19-Mar-18	Nicol prism : principle, action
	20-Mar-18	Uses of nicol prism
	21-Mar-18	Negative and positive crystals
	22-Mar-18	Huygen's theory of double refraction
	23-Mar-18	Ref. through Calcite when optic axis is in plane of incidence
	24-Mar-18	Ref. through Calcite when optic axis is // to ref. face, in plane of incidence
	25-Mar-18	Sunday/ Ram Navami
5	26-Mar-18	Optic axis // to ref. face but ⊥ar to plane of incidence
	27-Mar-18	Optic axis ⊥ar to ref. face but in the plane of incidence
	28-Mar-18	Principal refractive indices
	29-Mar-18	Mahavir Jayanti
	30-Mar-18	Elliptically and circularly polarized light
	31-Mar-18	Crystal as full, half & quarter wave plate

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Lesson Plan

Name of the Assistant/ Associate Professor....BHAGWATI.....

Class and Section:....B.Sc. IV th Sem.....

Subject:.....OPTICS (PAPER - II) (PHYSICS).....

Week	Date	Topics
1	1-Apr-18	Sunday
	2-Apr-18	Left handed, right handed and circularly, plane pol.
	3-Apr-18	Retardation plates introduction
	4-Apr-18	Quarter wave plate and its uses
	5-Apr-18	Half wave plate and its uses
	6-Apr-18	Production of elliptically polarised light
	7-Apr-18	Production of circularly polarised light
	8-Apr-18	Sunday
2	9-Apr-18	Detection of plane polarised light
	10-Apr-18	Detection of circularly polarized light
	11-Apr-18	Distinction b/w circularly & unpol. light
	12-Apr-18	Distinction b/w C.P. and mixture of C.P and U.P.L.
	13-Apr-18	Detection of E.P.L., Polarimetery
	14-Apr-18	Dr Ambedkar Jayanti / Vaisakhi
	15-Apr-18	Sunday
3	16-Apr-18	Distinction b/w E.P.L. and mix of U.P.L. & P.P.L.
	17-Apr-18	Distinction b/w diff. types of light
	18-Apr-18	Parashurama Jayanti
	19-Apr-18	Numericals on polarisation, Specific rotation of sugar solution
	20-Apr-18	Revision Interference by thin film and wedge shaped film
	21-Apr-18	Revision Michelson's interferometer
	22-Apr-18	Sunday Fresnel diffraction
4	23-Apr-18	Revision Fraunhoffer diff.
	24-Apr-18	Revision Polarisation and double refraction
	25-Apr-18	Revision Nicol prism, quarter & half wave plate
	26-Apr-18	Revision Production & detection of diff. types of light
	27-Apr-18	Revision Optical activity, fresnel theory of rotation
	28-Apr-18	Revision Specific rotation, polarimeters

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Lesson Plan

Name of the Assistant/ Associate Professor: Savita Chauhan (Paper-I)
Class and Section: B.Sc. 2nd year, IV semester
Subject: THEORY + PRACTICAL INORGANIC CHEMISTRY

Week	Date	Topics
1	1-Jan-18	Chemistry of f-block elements :- Introduction
	2-Jan-18	Introduction of lanthanoids
	3-Jan-18	Electronic configuration of lanthanoids
	4-Jan-18	Physical properties of lanthanides
	5-Jan-18	Ionic radii - Lanthanide contraction
	6-Jan-18	Practical to verify Beer lambert law for $KMnO_4$ Soln and to
	7-Jan-18	Sunday determine concentration of $KMnO_4$
2	8-Jan-18	Causes of Lanthanide contraction
	9-Jan-18	Consequences of lanthanide contraction
	10-Jan-18	Occurance of lanthanides
	11-Jan-18	Isolation of lanthanides
	12-Jan-18	Methods for seperation in to individual elements
	13-Jan-18	Practical to verify Beer-Lambert law for $K_2Cr_2O_7$ Soln and
	14-Jan-18	Sunday to determine conc^n of $K_2Cr_2O_7$
3	15-Jan-18	Production of lanthanide metals
	16-Jan-18	Lanthanide compounds
	17-Jan-18	Uses of Lantlanides.
	18-Jan-18	ASSIGNMENT :- Complex formation tendencies of lanthanides
	19-Jan-18	Chemistry of actinides : Introduction
	20-Jan-18	Preparation of cuprous chloride
	21-Jan-18	Sunday
4	22-Jan-18	Vasant Panchami
	23-Jan-18	General characteristics of Actinides.
	24-Jan-18	Sir Chhotu Ram Jayanti
	25-Jan-18	Occurance of Actinides elements
	26-Jan-18	Republic Day
	27-Jan-18	Revised preparation of cuprous chloride
	28-Jan-18	Sunday
5	29-Jan-18	Isolation of Actinide elements
	30-Jan-18	Seperation of Np, Pu and Am from Uranium
	31-Jan-18	Guru Ravidas Birthday

Savitach

Lesson Plan

Name of the Assistant/ Associate Professor: Sarita Chauhan (paper-I)
Class and Section: B.Sc. IV th Sem
Subject: Inorganic Chemistry (Theory + Practical)

Week	Date	Topics
1	1-Feb-18	Comparitive study of Actinides and lanthinides
	2-Feb-18	Similarities between lanthinides and actinides
	3-Feb-18	Prep. of prussion blue from Iron fillings
	4-Feb-18	Sunday
2	5-Feb-18	Difference between lanthinides and actinides
	6-Feb-18	Comparision of d-block elements with f-block elements
	7-Feb-18	Actinides as Nucleas fuel
	8-Feb-18	Transuranic elements
	9-Feb-18	Synthesis of Transuranic elements
	10-Feb-18	Maharshi Dayanand Saraswati Jayanti
	11-Feb-18	Sunday
3	12-Feb-18	ASSIGNMENT: Comparision of lanthinides and actinides
	13-Feb-18	Maha Shivratri
	14-Feb-18	Qualitative and Quantitative analysis of Inorganic salts
	15-Feb-18	Basic principles of Inorganic Qualitative analysis
	16-Feb-18	Concept of solubility product
	17-Feb-18	Revised practical to prepare prussion blue from Iron fillings
	18-Feb-18	Sunday
4	19-Feb-18	Relation between solubility and solubility product
	20-Feb-18	Applications of Solubility product
	21-Feb-18	Common ion effect
	22-Feb-18	Precipitation as sulphides of group II ions
	23-Feb-18	Precipitation as Hydroxides of group III ions
	24-Feb-18	Preparation of tetrammine cupric Sulphate
	25-Feb-18	Sunday
5	26-Feb-18	Precipitations of Sulphides of group IV ions
	27-Feb-18	Types of Qualitative Analysis :- Introduction
	28-Feb-18	Macro Analysis, Semi micro Analysis

Sarita Ch

Lesson Plan

Name of the Assistant/ Associate Professor: Sarita Chauhan

Class and Section: B.Sc. IV Sem (paper-I)

Subject: Inorganic Chemistry Theory + Practical

Week	Date	Topics
1	1-Mar-18	micro analysis, submicro analysis, Ultra micro analysis
	2-Mar-18	Holi
	3-Mar-18	Prep. of tetraaminecupric sulphate Revised
	4-Mar-18	Sunday
2	5-Mar-18	Analysis of Inorganic mixtures :- Introduction
	6-Mar-18	Chemistry of Different Basic Radicals
	7-Mar-18	Chemistry of group I (Pb^{2+}, Ag^{+}, Hg_2^{2+})
	8-Mar-18	Chemistry of group II A: (Hg^{2+}, Pb^{2+}, Bi^{3+}, Cu^{2+}, Cd^{2+})
	9-Mar-18	Seperation of group II A elements
	10-Mar-18	Practical to prepare Chrome alum
	11-Mar-18	Sunday
3	12-Mar-18	Chemistry of group II B (As^{3+}, Sb^{3+}, Sn^{2+})
	13-Mar-18	Seperation of group II B elements
	14-Mar-18	Chemistry of group III (Fe^{3+}, Cr^{3+} and Al^{3+})
	15-Mar-18	seperation of group III
	16-Mar-18	Interfering Radicals :- Introduction
	17-Mar-18	Revised practical to prepare Chrome alum
	18-Mar-18	Sunday
4	19-Mar-18	Interference of PO_4^{3-}, oxalate and tartrates
	20-Mar-18	Chemistry of group IV (Co^{2+}, Ni^{2+}, Mn^{2+}, Zn^{2+})
	21-Mar-18	Seperation of group IV element
	22-Mar-18	Chemistry and seperation of group V elements
	23-Mar-18	Chemistry and seperation of group VI elements
	24-Mar-18	Prep. of potassium trioxalato chromate III
	25-Mar-18	Sunday/ Ram Navami
5	26-Mar-18	Identification Anions: Introduction
	27-Mar-18	Dilute H_2SO_4 and Conc. H_2SO_4 test
	28-Mar-18	Gravimetry analysis by precipitation method
	29-Mar-18	Mahavir Jayanti
	30-Mar-18	Precipitation :- Introduction
	31-Mar-18	Revised precipitation of potassium trioxalato chromate III

Sarita

Lesson Plan

Name of the Assistant/ Associate Professor: Savita chauhan
Class and Section: B.Sc 2nd year IV sem (paper-I)
Subject: Inorganic chemistry theory + Practical

Week	Date	Topics
1	1-Apr-18	Sunday
	2-Apr-18	Theory of precipitation
	3-Apr-18	optimum conditions for precipitation
	4-Apr-18	factors effecting solubility of precipitates
	5-Apr-18	Particle size of the precipitates
	6-Apr-18	formation of precipitates
	7-Apr-18	Revised Beer lambert's law for $KMnO_4$ soln and to determine conc. of $KMnO_4$ soln
	8-Apr-18	Sunday
2	9-Apr-18	Desirable properties of precipitates
	10-Apr-18	Contamination of precipitates
	11-Apr-18	Simultaneous, co-precipitation, post precipitation
	12-Apr-18	Difference between co-precipitation and post precipitation
	13-Apr-18	Treatment of the precipitates
	14-Apr-18	Dr Ambedkar Jayanti / Vaisakhi
	15-Apr-18	Sunday
3	16-Apr-18	Digestion of precipitate
	17-Apr-18	Filteration and washing of precipitates.
	18-Apr-18	Parashurama Jayanti
	19-Apr-18	ASSIGNMENT:- On Theory of precipitation
	20-Apr-18	Revision Revision of lanthanides
	21-Apr-18	Revision Revision of differences between lanthanides and actinides
	22-Apr-18	Sunday
4	23-Apr-18	Revision Revision of Actinides
	24-Apr-18	Revision Revision of Qualitative analysis
	25-Apr-18	Revision Revision of Quantitative analysis
	26-Apr-18	Revision Revision of Solubility and its application
	27-Apr-18	Revision Revision of precipitation (Theory)
	28-Apr-18	Revision Revision of Importance of precipitation

Savitach

Lesson Plan

Name of the Assistant/ Associate Professor..... Samay Rawat (paper - III + II)

Class and Section..... B.Sc 2nd year III semester

Subject..... Organic chemistry theory + Physical chemistry theory and practical

Week	Date	Topics
1	1-Jan-18	Thermodynamics :- Introduction,
	2-Jan-18	Second law of thermodynamics and its needs for the law
	3-Jan-18	Carnot's cycles and its efficiency, carnot theorm
	4-Jan-18	Thermodynamics scale of temperature
	5-Jan-18	Entropy as state function, Entropy as function of V and T
	6-Jan-18	Practical to determine the CST of phenol-water system
	7-Jan-18	Sunday
2	8-Jan-18	Entropy as a function of P and T, Entropy change in physical
	9-Jan-18	Entropy change in ideal gases changes
	10-Jan-18	Entropy as a criteria of spontaeity and equilibrium
	11-Jan-18	Mixing of gases
	12-Jan-18	ASSIGNMENT :- Entropy - A state function
	13-Jan-18	Revised practical to determine the CST of phenol-water system
	14-Jan-18	Sunday
3	15-Jan-18	IR absorption spectroscopy :- Introduction
	16-Jan-18	Molecular vibrations, Hooke's law, selection rules
	17-Jan-18	Intensity and positions of IR Bands
	18-Jan-18	Measurment of IR spectrum, fingerprint region
	19-Jan-18	Characteristics absorptions of various functional groups
	20-Jan-18	Practical to determine the Solubility and ΔH of benzoic acid at various temperatures
	21-Jan-18	Sunday
4	22-Jan-18	Vasant Panchami
	23-Jan-18	Interpretation of IR spectrum of organic compounds
	24-Jan-18	Sir Chhotu Ram Jayanti
	25-Jan-18	Applications of IR spectroscopy
	26-Jan-18	Republic Day
	27-Jan-18	Revised practical to determine Solubility and ΔH of benzoic acid at various temperatures
	28-Jan-18	Sunday
5	29-Jan-18	ASSIGNMENT :- Molecular vibration in IR spectroscopy
	30-Jan-18	Third law of thermodynamics - Introduction
	31-Jan-18	Nernst heat theorem.

Lesson Plan

Name of the Assistant/ Associate Professor: Sameer Rawat (paper - III + II)
Class and Section: B.Sc 2nd year IV Semester
Subject: Organic chemistry theory + Physical chemistry theory + Practical

Week	Date	Topics
1	1-Feb-18	Concept of residual entropy.
	2-Feb-18	Evaluation of entropy from heat capacity data
	3-Feb-18	Practical to determine the enthalpy of neutralisation of 9 weak acid vs. strong base
	4-Feb-18	Sunday
2	5-Feb-18	Gibbs (G) function as thermodynamic quantity
	6-Feb-18	Helmholtz function (A) as thermodynamic quantity
	7-Feb-18	A and G as criteria for thermodynamic equilibrium
	8-Feb-18	A and G as criteria for spontaneity
	9-Feb-18	Advantages of A and G over entropy change
	10-Feb-18	Maharshi Dayanand Saraswati Jayanti
	11-Feb-18	Sunday
3	12-Feb-18	Variation of G and A with P, V and T
	13-Feb-18	Maha Shivratri
	14-Feb-18	ASSIGNMENT: G and A as thermodynamic quantity
	15-Feb-18	Amines :- Introduction, structure, Nomenclature
	16-Feb-18	physical properties of amines
	17-Feb-18	Revised practical to determine the enthalpy of neutralisation of a weak acid vs strong base
	18-Feb-18	Sunday
4	19-Feb-18	Seperation of 1°, 2° and 3° amines
	20-Feb-18	Structural features affecting basicity of amines
	21-Feb-18	preparation of alkyl and aryl amines
	22-Feb-18	Electrophilic aromatic substitution in aryl amines
	23-Feb-18	Reactions of amines with nitrous acid
	24-Feb-18	Practical to determine enthalpy of ionisation of weak base
	25-Feb-18	Sunday
5	26-Feb-18	ASSIGNMENT: Basicity of amines.
	27-Feb-18	Electrolytic and Galvanic cells
	28-Feb-18	Reversible and Irreversible cells

Sameer Rawat

Name of the Assistant/ Associate Professor: Samay Rawat **Lesson Plan** (Paper III + II)
Class and Section: B.Sc 2nd year III semester
Subject: Organic chemistry theory + Physical chemistry theory and practical

Week	Date	Topics
1	1-Mar-18	Guru Ravidas Birthday
	2-Mar-18	Holi
	3-Mar-18	Revised practical to determine enthalpy of ionisation of weak acid base
	4-Mar-18	Sunday
2	5-Mar-18	Conventional representation of electrochemical cell
	6-Mar-18	EMF of cell and its measurment.
	7-Mar-18	Weston standard cell, activity and activity coefficients
	8-Mar-18	Calculation of thermodynamic quantity G, H and K
	9-Mar-18	Metal-Metalion gas electrode
	10-Mar-18	Practical to determine enthalpy of ionisation of weak base
	11-Mar-18	Sunday
3	12-Mar-18	Metal-insoluble salt-anion and redox electrodes
	13-Mar-18	Electrode reactions, Nirnst equation, derivation of cell EMF
	14-Mar-18	Standard Hydrogen Electrode, reference electrode
	15-Mar-18	Standard electrode potential, sign conventions
	16-Mar-18	Electrochemical series and its applications
	17-Mar-18	Practical to determine enthalpy of soln. of solid $CaCl_2$
	18-Mar-18	Sunday
4	19-Mar-18	ASSIGNMENT :- Electrochemical series
	20-Mar-18	Diazonium Salts : diazodisation mechanism
	21-Mar-18	Structure of $ArN_2^{\oplus}X^{\ominus}$.
	22-Mar-18	Replacement of diazo group by H, OH, F, Cl, Br, I, NO_2 and CN
	23-Mar-18	Reduction of $ArN_2^{\oplus}X^{\ominus}$, coupling reaction and synthetic appli.
	24-Mar-18	Nitro Compounds : preparation. cation
	25-Mar-18	Sunday/ Ram Navami
5	26-Mar-18	Electrophilic substitution and reduction reactions
	27-Mar-18	Electrochemistry :- liquid junction potential
	28-Mar-18	Concentration cells with and without transference
	29-Mar-18	Mahavir Jayanti
	30-Mar-18	Application of E.M.f measurment, solubility product activity
	31-Mar-18	potentiometric titration, Determination coefficient of pH using Hydrogen electrode

Lesson Plan (paper - III + IV)

Name of the Assistant/ Associate Professor: Samay Rawat

Class and Section: B.Sc 2nd year IV Sem.

Subject: Organic Chemistry theory + Physical chemistry theory and practical

Week	Date	Topics
1	1-Apr-18	Sunday
	2-Apr-18	Quinhydrone and glass electrode by potentiometric methods
	3-Apr-18	ASSIGNMENT: Synthetic applications of $ArN_2^{\oplus}X^{\ominus}$
	4-Apr-18	Aldehydes and ketones - Nomenclature, structure
	5-Apr-18	Synthesis of Aldehyde and ketones from acid chlorides
	6-Apr-18	Advantages of oxidation of alcohols
	7-Apr-18	Practical to determine distribution of Iodine water between water and CCl_4
	8-Apr-18	Sunday
2	9-Apr-18	Sarett reagent oxidation, PCC oxidation, PDC oxidation
	10-Apr-18	Physical properties of Aldehyde and keton
	11-Apr-18	Comparative reactivities of Aldehyde and keton
	12-Apr-18	Mechanism of benzoin, aldol, Perkin, Knoevenagel condensation
	13-Apr-18	Wittig reaction, Mannich reaction
	14-Apr-18	Dr Ambedkar Jayanti / Vaisakhi
	15-Apr-18	Sunday
3	16-Apr-18	Bayer-villiger oxidation of ketones, MPV reaction
	17-Apr-18	Cannizzaro, clemmensen reaction
	18-Apr-18	Parashurama Jayanti
	19-Apr-18	Wolf-kisher, $LiAlH_4$ and $NaBH_4$ reductions
	20-Apr-18	Revision Revision of Thermodynamics - III
	21-Apr-18	Revision Revision of IR spectroscopy
	22-Apr-18	Sunday
4	23-Apr-18	Revision Revision of Thermodynamics - IV
	24-Apr-18	Revision Revision of Amines
	25-Apr-18	Revision Revision of Electrochemistry - III
	26-Apr-18	Revision Revision of Diazonium salts and nitro compounds
	27-Apr-18	Revision Revision of Electro Chemistry - IV
	28-Apr-18	Revision Revision of Aldehyde and ketone

Lesson Plan

Name of the Assistant/ Associate Professor... Priya Tanwar
Class and Section. ... B.Sc. II ... 4th Semester (Mathematics)
Subject: ... Sequence and series — Power series (Special functions & Integral Transforms)

Week	Date	Topics
1	1-Jan-18	Introduction of Real no.'s
	2-Jan-18	Sets, Subset, finite set, Infinite set
	3-Jan-18	Bounded Above set, Bdd. below set & Unbdded
	4-Jan-18	Bdded set & Unbounded set
	5-Jan-18	Illustrations.
	6-Jan-18	Assignment
	7-Jan-18	Sunday
2	8-Jan-18	Greastes element, least element,
	9-Jan-18	Supremum & Infrimum.
	10-Jan-18	Archimedian property of reals.
	11-Jan-18	Examples
	12-Jan-18	Neighbourhood, Interior pt., interior of a set
	13-Jan-18	open set.
	14-Jan-18	Sunday
3	15-Jan-18	Closed set
	16-Jan-18	Examples
	17-Jan-18	Assignment.
	18-Jan-18	limit point of set & Derived set,
	19-Jan-18	closure of a set.
	20-Jan-18	Bolzano - Weierstrass Theorem.
	21-Jan-18	Sunday
4	22-Jan-18	Vasant Panchami
	23-Jan-18	Examples.
	24-Jan-18	Sir Chhotu Ram Jayanti
	25-Jan-18	Compact set.
	26-Jan-18	Republic Day
	27-Jan-18	Cover and Heine Borel Property.
	28-Jan-18	Sunday
5	29-Jan-18	Assignment.
	30-Jan-18	Introduction of sequence.
	31-Jan-18	Bounded & Unbounded sequence.

Priya Tanwar

Lesson Plan

Name of the Assistant/ Associate Professor: Priya Tanwar

Class and Section: B.Sc. II, 4th Sem. (Mathematics)

Subject: Sequences and series, special function and Integral Transforms

Week	Date	Topics
1	1-Feb-18	convergent, divergent and oscillatory sequence
	2-Feb-18	Examples.
	3-Feb-18	Assignment
	4-Feb-18	Sunday
2	5-Feb-18	Some Basic Thm. of limits & convergence.
	6-Feb-18	Cauchy First thm. & Examples.
	7-Feb-18	Cauchy second thm. & Examples.
	8-Feb-18	Monotonic seq.
	9-Feb-18	Nested seq.
	10-Feb-18	Maharshi Dayanand Saraswati Jayanti
	11-Feb-18	Sunday
3	12-Feb-18	Examples
	13-Feb-18	Maha Shivratri
	14-Feb-18	Assignment.
	15-Feb-18	limit Point & cluster Point of sequence.
	16-Feb-18	Bolzano Weierstrass Thm.
	17-Feb-18	Examples.
	18-Feb-18	Sunday
4	19-Feb-18	Subsequences.
	20-Feb-18	Introduction of series.
	21-Feb-18	Convergers/ cliverges of Infinite seq.
	22-Feb-18	Comparision Test & its Examples.
	23-Feb-18	P-test & its Examples.
	24-Feb-18	Assignment
	25-Feb-18	Sunday
5	26-Feb-18	D'Alembert's ratio test & its examples
	27-Feb-18	Cauchy's Root test & its examples.
	28-Feb-18	Raabe's Test & examples.

Lesson Plan

Name of the Assistant/ Associate Professor: Priya Tanwar

Class and Section: B.Sc. II, 4th Sem. (Mathematics)

Subject: Sequences and series, Special function and Integral Transform

Week	Date	Topics
1	1-Mar-18	Guru Ravidas Birthday
	2-Mar-18	Holi
	3-Mar-18	De Morgan's Test, Gauss Test & examples.
	4-Mar-18	Sunday
2	5-Mar-18	Cauchy Integral Test.
	6-Mar-18	Cauchy Condensation Test.
	7-Mar-18	Assingment.
	8-Mar-18	Introduction of Alternating series.
	9-Mar-18	Leibnitz's Test
	10-Mar-18	Absolute convergence.
	11-Mar-18	Sunday
3	12-Mar-18	Conditional convergence.
	13-Mar-18	Introduction of Arbitrary series
	14-Mar-18	Abel's Test & examples.
	15-Mar-18	Dirichlet's Test.
	16-Mar-18	Assignment
	17-Mar-18	Insertion & Removal of Parentheses
	18-Mar-18	Sunday
4	19-Mar-18	Pringsheim Theorem.
	20-Mar-18	Riemann's Rearrangement Thm.
	21-Mar-18	Multiplication of series
	22-Mar-18	Cesaro's Thm and examples.
	23-Mar-18	Mertin Thm.
	24-Mar-18	Assignment.
	25-Mar-18	Sunday/ Ram Navami
5	26-Mar-18	Introduction of Infinite product
	27-Mar-18	Convergence of Infinite product
	28-Mar-18	Absolute convergence of Infinite product
	29-Mar-18	Mahavir Jayanti
	30-Mar-18	Power series Method
	31-Mar-18	Definition of Beta & Gamma function.

Priya Tanwar

Lesson Plan

Name of the Assistant/ Associate Professor: Priya Tanwar

Class and Section: B.Sc. II, 4th Sem. (Mathematics)

Subject: Sequences and series, special function and Integral Transforms.

Week	Date	Topics
1	1-Feb-18	Convergent, divergent and oscillatory sequence
	2-Feb-18	Examples.
	3-Feb-18	Assignment
	4-Feb-18	Sunday
2	5-Feb-18	Some Basic Thm. of limits & Convergence
	6-Feb-18	Cauchy First thm. & Examples.
	7-Feb-18	Cauchy second thm. & Examples.
	8-Feb-18	Monotonic seq.
	9-Feb-18	Nested seq.
	10-Feb-18	Maharshi Dayanand Saraswati Jayanti
	11-Feb-18	Sunday
3	12-Feb-18	Examples
	13-Feb-18	Maha Shivratri
	14-Feb-18	Assignment.
	15-Feb-18	limit Point & cluster Point of sequence.
	16-Feb-18	Bolzano Weierstrass Thm.
	17-Feb-18	Examples.
	18-Feb-18	Sunday
4	19-Feb-18	Subsequences.
	20-Feb-18	Introduction of series.
	21-Feb-18	Converges/ diverges of Infinite seq.
	22-Feb-18	Comparision Test & its Examples.
	23-Feb-18	P-test & its Examples.
	24-Feb-18	Assignment
	25-Feb-18	Sunday
5	26-Feb-18	D'Alembert's ratio test & its examples
	27-Feb-18	Cauchy's Root test & its examples.
	28-Feb-18	Raabe's Test & examples.

Priya Tanwar

Lesson Plan

Name of the Assistant/ Associate Professor... Priya Tanwar

Class and Section: B.Sc. II, 4th Sem. (Mathematics)

Subject: Sequences and Series, Special function and Integral Transform.

Week	Date	Topics
1	1-Apr-18	Sunday
	2-Apr-18	Bessel functions and their convergence
	3-Apr-18	Recurrence function
	4-Apr-18	Relations & generating functions.
	5-Apr-18	Orthogonality of Bessel functions.
	6-Apr-18	legendre Diff. eqn.
	7-Apr-18	Properties of legendre diff. eqn.
	8-Apr-18	Sunday
2	9-Apr-18	Hermite Diff. eqn.
	10-Apr-18	Properties of Hermite Diff. eqn.
	11-Apr-18	Assignment
	12-Apr-18	Orthogonality of legendre
	13-Apr-18	Orthogonality of Hermite
	14-Apr-18	Dr Ambedkar Jayanti / Vaisakhi
	15-Apr-18	Sunday
3	16-Apr-18	Rodrigues's Formula of legendre
	17-Apr-18	Rodrigues's Formula of Hermite
	18-Apr-18	Parashurama Jayanti
	19-Apr-18	Laplace Integral.
	20-Apr-18	Revision concept of nbhd & limit point
	21-Apr-18	Revision concept of convergent, divergent of sequence.
	22-Apr-18	Sunday
4	23-Apr-18	Revision comparision Test & P-test.
	24-Apr-18	Revision Ratio, Root, Raabe's Test.
	25-Apr-18	Revision concept of conditional and absolute convergence of series.
	26-Apr-18	Revision convergene and Absolute cgs of infinite product.
	27-Apr-18	Revision orthogonality of Bessel functions.
	28-Apr-18	Revision Orthogonality of legendre and Hermite

Priya Tanwar

Lesson Plan

Name of the Assistant/ Associate Professor..Vinny Banga.....
Class and Section. BSc IV Sem. (Mathematics)
Subject: Programming in C and numerical method (III), Special function integral trans. (II)

Week	Date	Topics
1	1-Jan-18	A general introduction of computer.
	2-Jan-18	Programmer's model of a computer
	3-Jan-18	Types of Input and Output device and memory
	4-Jan-18	Algorithm with examples
	5-Jan-18	Flowcharts with examples
	6-Jan-18	Introduction to C and its importance.
	7-Jan-18	Sunday
2	8-Jan-18	C-characters Set, C-Tokens, Constants
	9-Jan-18	Identifiers and Variables
	10-Jan-18	Primitive data type
	11-Jan-18	Derived data type
	12-Jan-18	User defined data type
	13-Jan-18	Scanf function and printf function
	14-Jan-18	Sunday
3	15-Jan-18	Assignment
	16-Jan-18	Execution of c program
	17-Jan-18	Arithmetic, Relational, Logical operators
	18-Jan-18	Assignment, Increment and decrement.
	19-Jan-18	Conditional, Bitwise and Special operators
	20-Jan-18	Size of operator and expression
	21-Jan-18	Sunday
4	22-Jan-18	Vasant Panchami
	23-Jan-18	Input / Output functions
	24-Jan-18	Sir Chhotu Ram Jayanti
	25-Jan-18	Assignment.
	26-Jan-18	Republic Day
	27-Jan-18	Control Structures and if Statement.
	28-Jan-18	Sunday
5	29-Jan-18	Program of if Statement
	30-Jan-18	Nested if-else Statement and program
	31-Jan-18	Guru Ravidas Birthday

Vinny

Lesson Plan

Name of the Assistant/ Associate Professor: Vinny Banga

Class and Section: BSc IV Sem (Mathematics)

Subject: Programming in C and numerical method (III) Special function integral transform

Week	Date	Topics
1	1-Feb-18	Else-if ladder and goto statement
	2-Feb-18	Introduction to Loops and while loop
	3-Feb-18	Do while loop and for loop.
	4-Feb-18	Sunday
2	5-Feb-18	Nested control structures and break statement
	6-Feb-18	Switch Statement and case control structure
	7-Feb-18	Functions and Preprocessors
	8-Feb-18	One dimensional and two dimensional arrays
	9-Feb-18	Multidimensional arrays and programs
	10-Feb-18	Maharshi Dayanand Saraswati Jayanti
	11-Feb-18	Sunday
3	12-Feb-18	Character data type
	13-Feb-18	Maha Shivratri
	14-Feb-18	Standard String handling functions
	15-Feb-18	Arithmatic operations on characters
	16-Feb-18	Definition and using of structures
	17-Feb-18	Use of structure in arrays
	18-Feb-18	Sunday
4	19-Feb-18	Assignment
	20-Feb-18	Use of array in structure.
	21-Feb-18	Pointers data type and programs
	22-Feb-18	Pointers and arrays and programs
	23-Feb-18	Pointers and functions and programs
	24-Feb-18	Difference between algebraic and transcendental eqn
	25-Feb-18	Sunday
5	26-Feb-18	Bisection method
	27-Feb-18	Regula-Falsi method
	28-Feb-18	Secant method

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Lesson Plan

Name of the Assistant/ Associate Professor... Vinny Banga

Class and Section: BSc. IV Sem. (Mathematics)

Subject: Programming in C & numerical method (III), Special function & integral transform (II)

Week	Date	Topics
1	1-Mar-18	Assignment
	2-Mar-18	Holi
	3-Mar-18	Newton Raphson's method
	4-Mar-18	Sunday
2	5-Mar-18	Newton Iterative method for finding root
	6-Mar-18	Numericals based on above methods
	7-Mar-18	Order of convergence of bisection and R-S method.
	8-Mar-18	Order of convergence of Secant method.
	9-Mar-18	Order of convergence of Newton's method
	10-Mar-18	Assignment
	11-Mar-18	Sunday
3	12-Mar-18	Introduction of simultaneous linear equations
	13-Mar-18	Gauss Elemination method.
	14-Mar-18	Gauss Jordan method.
	15-Mar-18	Triangularization method.
	16-Mar-18	Crout's method.
	17-Mar-18	Cholesky decomposition method.
	18-Mar-18	Sunday
4	19-Mar-18	Numericals of above methods
	20-Mar-18	Iterative method
	21-Mar-18	Gauss Seidal's method
	22-Mar-18	Jacobi's method
	23-Mar-18	Relaxation method.
	24-Mar-18	Assignment
	25-Mar-18	Sunday/ Ram Navami
5	26-Mar-18	Introduction to laplace transformation
	27-Mar-18	Existance theorem and linearity of laplace.
	28-Mar-18	laplace transform of derivative and integral.
	29-Mar-18	Mahavir Jayanti
	30-Mar-18	Differentition & Integration of laplace transformation
	31-Mar-18	Convolution theorem and its numerical

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Week	Date	Topics
1	1-Apr-18	Sunday
	2-Apr-18	Inverse laplace transform
	3-Apr-18	Derivative and Integral of Inverse laplace
	4-Apr-18	Solution of differential equation using laplace
	5-Apr-18	Discussed numericals and assignment
	6-Apr-18	Introduction of fouries transform
	7-Apr-18	Linearity property
	8-Apr-18	Sunday
2	9-Apr-18	Shifting
	10-Apr-18	Modulation
	11-Apr-18	Convolution theorem
	12-Apr-18	Fourier transformation of derivatives
	13-Apr-18	Relation btw fourier transform and laplace trans
	14-Apr-18	Dr Ambedkar Jayanti / Vaisakhi
	15-Apr-18	Sunday
3	16-Apr-18	Parseval's Identity for fouries transformation
	17-Apr-18	Solution of differential equation using Fourier.
	18-Apr-18	Parashurama Jayanti
	19-Apr-18	Assignment
	20-Apr-18	Revision C programming and operators
	21-Apr-18	Revision Data types and control statements
	22-Apr-18	Sunday
4	23-Apr-18	Revision Loops, Pointers, Function and array
	24-Apr-18	Revision Bisection, Regula-Falsi, Secant method
	25-Apr-18	Revision LU decomposition, Crout's method
	26-Apr-18	Revision Laplace transformation
	27-Apr-18	Revision Inverse laplace transformation
	28-Apr-18	Revision Fouries transformation

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