SaraswatiMahilaMahavidyalaya, Palwal

**LessonPlan :**

**Name of the Assistant/Associate Professor:SURITI**

**Class and Section:B.sc I (A) N.M, B.sc I(B) N.M, B.sc II(B) N.M**

**Name of subject: Electricity and Magnetism, Optics-I**

**Subject Lesson Plan : 18 weeks(from January 2018 to April 2018)**

**(Note: Prepare as per list of holidays declared by Haryana govt.)**

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| **WEEK 1** |
| **ASSIGNMENT:** |
| **WEEK 1,DAY1 ,DATE :01/01/2018(MONDAY)** |
| **B.sc I(A)N.M**🡪E.M.I :Faraday Law, Lenz’s Law ,Right hand rule , self-inductance & its application**B.sc I(B)N.M**🡪E.M.I :Faraday Law, Lenz’s Law ,Right hand rule , self-inductance & its application |
| **WEEK 1 ,DAY 2 ,DATE :02/01/2018(TUESDAY)** |
| **B.sc I(A)N.M**🡪 Self-inductance & energy stored in long solenoid, S.I of inductor , Mutual inductance & M.I of concankid solenoid**B.sc I(B)N.M**🡪Self-inductance & energy stored in long solenoid, S.I of inductor , Mutual inductance & M.I of concankid solenoid**B.sc I(B)N.M**🡪Performance & calculation of practical. |
| **WEEK 1,DAY 3 ,DATE :03/01/2018(WEDNESDAY)** |
| **B.sc I(A)N.M**🡪Growth and decay of current in L-R & C-R circuit**B.sc I(B)N.M**🡪Growth and decay of current in L-R & C-R circuit**B.sc III(A)N.M**🡪c/m by Thomson method :Demonstration and implementation**B.sc I(B)N.M**🡪surface method by jeageis method: Demonstration and Performance  |
| **WEEK 1 ,DAY 4 ,DATE :04/01/2018(THURSDAY)** |
| **B.sc II(B)N.M**🡪 Interface by division of amplitude-introduction , interface by a plane parallen film, interface of light in this film**B.sc III(B)N.M**🡪implementation and calculation of practical |
| **WEEK 1,DAY 5 ,DATE :05/01/2018(FRIDAY)** |
| **Holiday on account of Guru Govind Singh’s Birthday** |
| **WEEK 1 ,DAY 6 ,DATE :06/01/2018(SATURDAY)** |
| **B.sc II(B)N.M**🡪Intensity of maxima & minima in reflected & transmitted exam , production of colours in this film , necceisity of an extended source , classification of fringes in this films**B.sc II(B)N.M**🡪Newton’s ring : demonstration and implementation of this practical |
| **WEEK 2** |
| **ASSIGNMENT:** |
| **WEEK 2,DAY1 ,DATE :08/01/2018(MONDAY)** |
| **B.sc I(A)N.M**🡪charging and discharging of capacitor through inductor**B.sc I(B)N.M**🡪charging and discharging of capacitor through inductor |
| **WEEK 2 ,DAY 2 ,DATE :09/01/2018(TUESDAY)** |
| **B.sc I(A)N.M**🡪charging of capacitor through L-R circuit**B.sc I(B)N.M**🡪charging of capacitor through L-R circuit**B.sc I(B)N.M**🡪Lab: calculation & implementation of practical |
| **WEEK 2,DAY 3 ,DATE :10/01/2018(WEDNESDAY)** |
| **B.sc I(A)N.M**🡪discharging of capacitor through L-R circuit**B.sc I(B)N.M**🡪discharging of capacitor through L-R circuit**B.sc III(A)N.M**🡪C/M Thomson method: calculation , file checking**B.sc I(B)N.M**🡪Reading , calculation of jeager’s method |
| **WEEK 2 ,DAY 4 ,DATE :11/01/2018(THURSDAY)** |
| **B.sc II(B)N.M**🡪interference by wedge shape film by plane wave , by a point source**B.sc III(B)N.M**🡪Practical Lab |
| **WEEK 2,DAY 5 ,DATE :12/01/2018(FRIDAY)** |
| **B.sc II(B)N.M**🡪Newton’s Rings (Therory and derivation) , Newton’s ring by transmitted light**B.sc II(B)N.M**🡪Calculation and discussion and file checking |
| **WEEK 2 ,DAY 6 ,DATE :13/01/2018(SATURDAY)** |
| **B.sc II(B)N.M**🡪Determination of wavelength , refractive index of a liquid by Newton’s ring , Newton’s ring by white light**B.sc II(B)N.M**🡪File checking and vive. |
| **WEEK 3** |
| **ASSIGNMENT:** |
| **WEEK 3,DAY1 ,DATE :15/01/2018(MONDAY)** |
| **B.sc I(A)N.M**🡪Alternating current : introduction , Average & R.M.S value of alternating e.m.f& current & its value retransition.**B.sc I(A)N.M**🡪Alternating current : introduction , Average & R.M.S value of alternating e.m.f& current & its value retransition |
| **WEEK 3 ,DAY 2 ,DATE :16/01/2018(TUESDAY)** |
| **B.sc I(A)N.M**🡪Ac circuit containing (I) R only (II) L only (III) C only (IV) L-R**B.sc I(B)N.M**🡪Ac circuit containing (I) R only (II) L only (III) C only (IV) L-R **B.sc I(B)N.M**🡪Practical Lab |
| **WEEK 3,DAY 3 ,DATE :17/01/2018(WEDNESDAY)** |
| **B.sc I(A)N.M**🡪(V) C-R (VI) L-C-R . Ac representation using j. Operator**B.sc I(B)N.M**🡪(V) C-R (VI) L-C-R . Ac representation using j. Operator **B.sc I(B)N.M**🡪Practical Lab |
| **WEEK 3 ,DAY 4 ,DATE :18/01/2018(THURSDAY)** |
| **B.sc II(B)N.M**🡪Newton’s rings with two curved surfaces , with bright centre in reflected light , with plate mirror , interferometry.**B.sc III(B)N.M**🡪Practical Lab |
| **WEEK 3,DAY 5 ,DATE :19/01/2018(FRIDAY)** |
| **B.sc II(B)N.M**🡪Michelson interferometer , adjustment of interferometer , form of fringes**B.sc II(B)N.M**🡪Diffraction grating to find wavelength of sodium light :Demonstration and implementation. |
| **WEEK 3 ,DAY 6 ,DATE :20/01/2018(SATURDAY)****B.sc II(B)N.M**🡪standardization of a meter and numerical problems**B.sc II(B)N.M**🡪Calculation discussion of practical to find wavelength of sodium light using diffraction grating.  |
| **WEEK 4** |
| **ASSIGNMENT:** |
| **WEEK 3,DAY1 ,DATE :22/01/2018(MONDAY)** |
| **Holiday on account of BasantPanchmi.** |
| **WEEK 4 ,DAY 2 ,DATE :23/01/2018(TUESDAY)** |
| **B.sc I(A)N.M**🡪A.C analysis using (I) R only (II) L only (III C only (IV) L-R only (V) C-R only **B.sc I(B)N.M**🡪A.C analysis using (I) R only (II) L only (III C only (IV) L-R only (V) C-R only **B.sc I(B)N.M**🡪 **Practical Lab**  |
| **WEEK 4,DAY 3 ,DATE :24/01/2018(WEDNESDAY)** |
|  **Holiday on account of Sir Chotu Ram Jayanti.** |
| **WEEK 4 ,DAY 4 ,DATE :25/01/2018(THURSDAY)** |
| **B.sc II(B)N.M**🡪Diffraction : Introduction and Type , Fresnel Diffraction**B.sc III(B)N.M**🡪Practical Lab |
| **WEEK 4,DAY 5 ,DATE :26/01/2018(FRIDAY)** |
| **Holiday on account of Republic Day.** |
| **WEEK 4 ,DAY 6 ,DATE :27/01/2018(SATURDAY)** |
| **B.sc II(B)N.M**🡪Fresnel Half period zone (elements)**B.sc II(B)N.M**🡪File checking and vive. |
| **WEEK 5** |
| **ASSIGNMENT:** |
| **WEEK 5,DAY1 ,DATE :29/01/2018(MONDAY)** |
| **B.sc I(A)N.M**🡪(Vi) Lcr circuit , series and parallel resonance circuit**B.sc I(B)N.M**🡪(Vi) Lcr circuit , series and parallel resonance circuit  |
| **WEEK 5 ,DAY 2 ,DATE :30/01/2018(TUESDAY)** |
| **B.sc I(A)N.M**🡪Quality factor of resonance circuit ,sharpness of resonance**B.sc I(B)N.M**🡪Quality factor of resonance circuit ,sharpness of resonance**B.sc I(BA)N.M**🡪Practical Lab |
| **WEEK 5,DAY 3 ,DATE :31/01/2018(WEDNESDAY)** |
|  **Holiday on account of Guru Ravi Dass Jayanti** |
| **WEEK 5 ,DAY 4 ,DATE :01/02/2018(THURSDAY)** |
| **B.sc II(B)N.M🡪**Zone plate , Difference between zone plate & convex lens**B.sc III(B)N.M🡪**Practical Lab |
| **WEEK 5,DAY 5 ,DATE :02/02/2018(FRIDAY)** |
| **B.sc II(B)N.M🡪**Diffraction at a straight edge.**B.sc II(B)N.M🡪**graph between wavelength and minimum deviation for various lines from a mercury source: Demonstration and implementation**.** |
| **WEEK 5 ,DAY 6 ,DATE :03/02/2018(SATURDAY)****B.sc II(B)N.M🡪**Diffraction at a rectangular slit**B.sc II(B)N.M🡪**Reading ,graph plotting,and graph discussion |
| **WEEK 6** |
| **ASSIGNMENT:** |
| **WEEK 6,DAY1 ,DATE :05/02/2018(MONDAY)** |
| **B.sc I(A)N.M🡪**Test on topics: AC containing LCR and its complex form**B.sc I(B)N.M🡪**Test on topics: AC containing LCR and its complex form |
| **WEEK 6 ,DAY 2 ,DATE :06/02/2018(TUESDAY)** |
| **B.sc I(A)N.M**🡪semiconductors and diodes:- Introduction and bands in semiconductors ,hall effect**B.sc I(**B**)N.M**🡪semiconductors and diodes:- Introduction and bands in semiconductors ,hall effect**B.sc I(B)N.M**🡪practical lab |
| **WEEK 6,DAY 3 ,DATE :07/02/2018(WEDNESDAY)** |
| **B.sc I(A)N.M**🡪p-n junction diode ,biased p-n junction diodes , V-I characteristics**B.sc I(B)N.M**🡪p-n junction diode ,biased p-n junction diodes , V-I characteristics**B.sc III(A)N.M**🡪Diameter of lycopodium powder by corona rings: demonstration and its implementation**B.sc I(B)N.M**🡪practical lab |
| **WEEK 6 ,DAY 4 ,DATE :08/02/2018(THURSDAY)** |
| **B.sc II(B)N.M**🡪Diffraction at a circular aperture**B.sc III(B)N.M**🡪Practical lab |
| **WEEK 6,DAY 5 ,DATE :09/02/2018(FRIDAY)** |
| **B.sc II(B)N.M**🡪Fraunhoffer diffraction at a single slit**B.sc II(B)N.M**🡪graph between wavelength and minimum deviation for mercury source : file and checking viva |
| **WEEK 6 ,DAY 6 ,DATE :10/02/2018(SATURDAY)** |
| **Holiday on account of MaharshiDayanandSaraswati Jayanti.** |
| **WEEK 7** |
| **ASSIGNMENT:** |
| **WEEK 7,DAY1 ,DATE :12/02/2018(MONDAY)** |
| **B.sc I(A)N.M**🡪Analytical expression for V-I characteristics, resistance of junction diode, Zener diode as voltage regulator**B.sc I(B)N.M**🡪Analytical expression for V-I characteristics, resistance of junction diode, Zener diode as voltage regulator |
| **WEEK 7 ,DAY 2 ,DATE :13/02/2018(TUESDAY)** |
| **Holiday on account of Maha Shivaratri.** |
| **WEEK 7,DAY 3 ,DATE :14/02/2018(WEDNESDAY)** |
| **B.sc I(A)N.M**🡪LED ,photodiode,solar cell, photoconduction in semiconductors**B.sc I(B)N.M**🡪LED ,photodiode,solar cell, photoconduction in semiconductors**B.sc I(B)N.M**🡪practical lab**B.sc III(B)N.M**🡪product of two metrices by computer:program formation and its implementation |
| **WEEK 7 ,DAY 4 ,DATE :15/02/2018(THURSDAY)** |
| **B.sc II(B)N.M**🡪Analytical treatment due to single slit**B.sc III(B)N.M**🡪practical lab |
| **WEEK 7,DAY 5 ,DATE :16/02/2018(FRIDAY)** |
| **B.sc II(B)N.M**🡪Fraunhoffer diffraction at double slit**B.sc II(B)N.M**🡪To draw frequency response curve of R-C coupled amplifier: demonstration and implementation |
| **WEEK 7 ,DAY 6 ,DATE :17/01/2018(SATURDAY)** |
| **B.sc II(B)N.M**🡪Analytical treatment due to two slits**B.sc II(B)N.M**🡪frequency response curve of R-C coupled amplifier: reading and graph plotting and graph checking and verification |
| **WEEK 8** |
| **ASSIGNMENT:** |
| **WEEK 8,DAY1 ,DATE :19/02/2018(MONDAY)** |
| **B.sc I(A)N.M**🡪Diode rectifiers(Introduction) half wave rectifier, full wave rectifier, rectifier efficiency**B.sc I(B)N.M**🡪Diode rectifiers(Introduction) half wave rectifier, full wave rectifier, rectifier efficiency |
| **WEEK 8 ,DAY 2 ,DATE :20/02/2018(TUESDAY)** |
| **B.sc I(A)N.M**🡪Ripple factor,PIV, filters ,series inductor filter, shunt capacitor filter**B.sc I(A)N.M**🡪Ripple factor,PIV, filters ,series inductor filter, shunt capacitor filter**B.sc I(B)N.M**🡪Practical lab |
| **WEEK 8,DAY 3 ,DATE :21/02/2018(WEDNESDAY)** |
| **B.sc I(A)N.M**🡪R-C filter, CLC filter, ordinary DC power supply, regulated power supply**B.sc I(B)N.M**🡪R-C filter, CLC filter, ordinary DC power supply, regulated power supply**B.sc I(B)N.M**🡪practical lab**B.sc III(A)N.M**🡪product of two metrices: file checking and viva |
| **WEEK 8 ,DAY 4 ,DATE :22/02/2018(THURSDAY)** |
| **B.sc II(B)N.M**🡪Missing order in double slit diffraction,plane diffraction grating**B.sc III(B)N.M**🡪practical lab |
| **WEEK 8,DAY 5 ,DATE :23/02/2018(FRIDAY)** |
| **B.sc II(B)N.M**🡪fraunhoffer diffraction at a single slit, dispersive power of grating**B.sc II(B)N.M**🡪frequency response curve of R-c coupled amplifier: file checking and viva |
| **WEEK 8 ,DAY 6 ,DATE :24/02/2018(SATURDAY)** |
| **B.sc II(B)N.M**🡪Limit of resolution,resolving power of telescope and grating**B.sc II(B)N.M**🡪to find frequency of tuning fork by melde’s experiment: demonstration and its implementation |
| **WEEK 9** |
| **ASSIGNMENT:** |
| **WEEK 9,DAY1 ,DATE :26/02/2018(MONDAY)** |
| **B.sc I(A)N.M**🡪Numerical Problems**B.sc I(B)N.M**🡪Numerical Problems |
| **WEEK 9 ,DAY 2 ,DATE :27/02/2018(TUESDAY)** |
| **B.sc I(A)N.M**🡪Test of semiconductors diodes and filters**B.sc I(B)N.M**🡪Test of semiconductors diodes and filters**B.sc I(B)N.M**🡪practical lab |
| **WEEK 9,DAY 3 ,DATE :28/02/2018(WEDNESDAY)** |
| **VACATION -II** |
| **WEEK 9 ,DAY 4 ,DATE :01/03/2018(THURSDAY)** |
| **VACATION -II** |
| **WEEK 9,DAY 5 ,DATE :02/03/2018(FRIDAY)** |
| **VACATION -II** |
| **WEEK 9 ,DAY 6 ,DATE :03/03/2018(SATURDAY)** |
| **VACATION -II** |
| **WEEK 10** |
| **ASSIGNMENT:** |
| **WEEK 10,DAY1 ,DATE :05/03/2018(MONDAY)** |
| **B.sc I(A)N.M**🡪Transistors: construction ,symbol, working of pnp an npn, and action and connection**B.sc I(B)N.M**🡪Transistors: construction ,symbol, working of pnp an npn, and action and connection |
| **WEEK 10,DAY 2 ,DATE :06/03/2018(TUESDAY)** |
| **B.sc I(A)N.M**🡪Common base characteristics and constants**B.sc I(B)N.M**🡪Common base characteristics and constants**B.sc I(B)N.M**🡪practical lab |
| **WEEK 10,DAY 3 ,DATE :07/03/2018(WEDNESDAY)** |
| **B.sc I(A)N.M**🡪Common emitter characteristics and constants and current relation**B.sc I(B)N.M**🡪Common emitter characteristics and constants and current relation**B.sc I(B)N.M**🡪practical lab**B.sc III(A)N.M**🡪To find definite integral through simpson’s one third rule: program formation and implementation |
| **WEEK 10,DAY 4 ,DATE :08/03/2018(THURSDAY)** |
| **B.sc II(B)N.M**🡪Polarization:introduction ,plane polarized light,unpolarized light and their representation**B.sc III(B)N.M**🡪practical lab |
| **WEEK 10,DAY 5 ,DATE :09/03/2018(FRIDAY)** |
| **B.sc II(B)N.M**🡪Methods of production of polarizedlight:polarization by reflection and scattering**B.sc II(B)N.M**🡪To find frequency of tuning fork by melde’s experiment: performuing ,reading and calculation |
| **WEEK 10 ,DAY 6 ,DATE :10/03/2018(SATURDAY)** |
| **B.sc II(B)N.M**🡪Law of malus, double refraction**B.sc II(B)N.M**🡪File checking and viva |
| **WEEK 11** |
| **ASSIGNMENT:** |
| **WEEK 11,DAY1 ,DATE :12/03/2018(MONDAY)** |
| **B.sc I(A)N.M**🡪Common collector characteristics, comparison of 3 configuration,relation between current gain of 3 configurations**B.sc I(A)N.M**🡪Common collector characteristics, comparison of 3 configuration,relation between current gain of 3 configurations |
| **WEEK 11,DAY 2 ,DATE :13/03/2018(TUESDAY)** |
| **B.sc I(A)N.M**🡪Test of transistors**B.sc I(A)N.M**🡪Test of transistors**B.sc I(B)N.M**🡪Practical lab |
| **WEEK 11,DAY 3 ,DATE :14/03/2018(WEDNESDAY)** |
| **B.sc I(A)N.M**🡪Numerical problems**B.sc I(A)N.M**🡪Numerical problems**B.sc III(A)N.M**🡪file checking and viva**B.sc I(B)N.M**🡪practical lab |
| **WEEK 11,DAY 4 ,DATE :15/03/2018(THURSDAY)** |
| **B.sc II(B)N.M**🡪Presentation and assignment on topic: Polarization**B.sc III(B)N.M**🡪Practical lab |
| **WEEK 11,DAY 5 ,DATE :16/03/2018(FRIDAY)** |
| **B.sc II(B)N.M**🡪Numerical problems of diffraction**B.sc II(B)N.M**🡪To find roots of quadratic equation: program formation ,implementationon computer, error finding and running |
| **WEEK 11 ,DAY 6 ,DATE :17/03/2018(SATURDAY)** |
| **B.sc II(B)N.M**🡪Test on topics: 1, 2 and n-slit diffraction,plane transmission grating, dispersive power of grating**B.sc II(B)N.M**🡪compilation, running of program on computer and printing output |
| **WEEK 12** |
| **ASSIGNMENT:** |
| **WEEK 12,DAY1 ,DATE :19/03/2018(MONDAY)** |
| **B.sc I(A)N.M**🡪C.R.O: introduction,CRT, Block diagram of CRO**B.sc I(B)N.M**🡪C.R.O: introduction,CRT, Block diagram of CRO |
| **WEEK 12,DAY 2 ,DATE :20/03/2018(TUESDAY)** |
| **B.sc I(A)N.M**🡪Display of waveform on CRO screen, detection sensitivity, various controls of simple CRO**B.sc I(B)N.M**🡪Display of waveform on CRO screen, detection sensitivity, various controls of simple CRO**B.sc I(B)N.M**🡪practical lab |
| **WEEK 12,DAY 3 ,DATE :21/03/2018(WEDNESDAY)** |
| **B.sc I(A)N.M**🡪transistor as an amplifier, C-B amplifier, C-E amplifier**B.sc I(B)N.M**🡪transistor as an amplifier, C-B amplifier, C-E amplifier**B.sc I(B)N.M**🡪Practical lab**B.sc III(A)N.M**🡪To find average and standard deviation: compilation and running of program |
| **WEEK 12,DAY 4 ,DATE :22/03/2018(THURSDAY)** |
| **B.sc II(B)N.M**🡪Nicol prism,negative and positive crystals**B.sc III(B)N.M**🡪Practical lab |
| **WEEK 12,DAY 5 ,DATE :23/03/2018(FRIDAY)** |
| **Holiday on account ofShahididiwas.** |
| **WEEK 12 ,DAY 6 ,DATE :24/03/2018(SATURDAY)** |
| **B.sc II(B)N.M**🡪Huygen’s theory of double refraction( normal and oblique)**B.sc II(B)N.M**🡪file checking and viva |
| **WEEK 13** |
| **ASSIGNMENT:** |
| **WEEK 13,DAY1 ,DATE :26/03/2018(MONDAY)** |
| **B.sc I(A)N.M**🡪D.C load line , faithful amplification, need of biasing a transistor**B.sc I(B)N.M**🡪D.C load line , faithful amplification, need of biasing a transistor |
| **WEEK 13,DAY 2 ,DATE :27/03/2018(TUESDAY)** |
| **B.sc I(A)N.M**🡪selection QR point, need of bias stabilization, method of biasing, fixed bias method**B.sc I(B)N.M**🡪selection QR point, need of bias stabilization, method of biasing, fixed bias method**B.sc I(B)N.M**🡪Practical lab |
| **WEEK 13,DAY 3 ,DATE :28/03/2018(WEDNESDAY)** |
| **B.sc I(A)N.M**🡪Collector to base voltage, biasing with emitter resistor**B.sc I(B)N.M**🡪Collector to base voltage, biasing with emitter resistor**B.sc I(B)N.M**🡪Practical lab**B.sc III(A)N.M**🡪To study double slit interference by He-Ne laser: demonstration and implementation |
| **WEEK 13,DAY 4 ,DATE :29/03/2018(THURSDAY)** |
| **Holiday on account of Mahavirjayanti.** |
| **WEEK 13,DAY 5 ,DATE :30/03/2018(FRIDAY)** |
| **B.sc II(B)N.M**🡪Elliptically and circularly polarized light**B.sc II(B)N.M**🡪To find definite integral by trapezoidal rule: program formation , implementation on computer |
| **WEEK 13 ,DAY 6 ,DATE :31/03/2018(SATURDAY)** |
| **B.sc II(B)N.M**🡪Retardation plates: Quarter-wave plate,half wave plate.**B.sc II(B)N.M**🡪To find definite integral by trapezoidal rule:compilation and implementation on computer |
| **WEEK 14** |
| **ASSIGNMENT:** |
| **WEEK 14,DAY1 ,DATE :02/04/2018(MONDAY)** |
| **B.sc I(A)N.M**🡪self bias circuit, classification of amplifiers , multistage amplifier**B.sc I(B)N.M**🡪self bias circuit, classification of amplifiers , multistage amplifier |
| **WEEK 14,DAY 2 ,DATE :03/04/2018(TUESDAY)** |
| **B.sc I(A)N.M**🡪R-C coupled amplifier, feedback in amplifiers**B.sc I(B)N.M**🡪R-C coupled amplifier, feedback in amplifiers**B.sc I(B)N.M**🡪practical lab |
| **WEEK 14,DAY 3 ,DATE :04/04/2018(WEDNESDAY)** |
| **B.sc I(A)N.M**🡪Theory and types of feedback, advantages of feedback**B.sc I(B)N.M**🡪Theory and types of feedback, advantages of feedback**B.sc I(B)N.M**🡪practical lab**B.sc III(A)N.M**🡪To determine double slit interference by He-Ne laser: demonstration, implementation |
| **WEEK 14,DAY 4 ,DATE :05/04/2018(THURSDAY)** |
| **B.sc II(B)N.M**🡪Production of circulary and elliptically polarized light**B.sc III(B)N.M**🡪practical lab |
| **WEEK 14,DAY 5 ,DATE :06/04/2018(FRIDAY)** |
| **B.sc I(B)N.M**🡪prdetection of plane , elliptically and circularly polarized light and their conversion.**B.sc II(B)N.M**🡪To find definite intergral by trapezoidal rule :running , output printing and completion of file |
| **WEEK 14 ,DAY 6 ,DATE :07/04/2018(SATURDAY)** |
| **B.sc II(B)N.M**🡪Test of topics :- double refraction , Heygen’s theory of double refraction**B.sc II(B)N.M**🡪To find the definite integral by trapezoidal rule : file checking and viva. |
| **WEEK 15** |
| **ASSIGNMENT:** |
| **WEEK 15,DAY1 ,DATE :09/04/2018(MONDAY)** |
| **B.sc I(A)N.M**🡪Advantages of feedback continue , voltage follower.**B.sc I(B)N.M**🡪Advantages of feedback continue , voltage follower. |
| **WEEK 15,DAY 2 ,DATE :10/04/2018(TUESDAY)** |
| **B.sc I(A)N.M**🡪Numerical Problems**B.sc I(B)N.M**🡪Numerical Problems**B.sc I(B)N.M**🡪Practical lab |
| **WEEK 15,DAY 3 ,DATE :11/04/2018(WEDNESDAY)** |
| **B.sc I(A)N.M**🡪 Oscillators (Introduction and classification) , tank circuit**B.sc I(B)N.M**🡪Oscillators (Introduction and classification) , tank circuit**B.sc III(A)N.M**🡪double slit interference by He-Ne laser :file checking & viva**B.sc I(B)N.M**🡪Practical lab |
| **WEEK 15,DAY 4 ,DATE :12/04/2018(THURSDAY)** |
| **B.sc II(B)N.M**🡪Assignment on topic analysis ,production & detection of polarized light**B.sc III(B)N.M**🡪Practical lab |
| **WEEK 15,DAY 5 ,DATE :13/04/2018(FRIDAY)** |
| **B.sc II(B)N.M**🡪Numerical problems and revision**B.sc II(B)N.M**🡪To find area of triangle , sphere and cylinder :program formation and implementation on computer |
| **WEEK 15 ,DAY 6 ,DATE :14/04/2018(SATURDAY)** |
| **Holiday on account of Vaisakhi &Dr B.R. Ambedkar’s Jayanti.** |
| **WEEK 16** |
| **ASSIGNMENT:** |
| **WEEK 16,DAY1 ,DATE :16/04/2018(MONDAY)** |
| **B.sc I(A)N.M**🡪Principle , essentials of feedback oscillator , tunes base oscillator**B.sc I(B)N.M**🡪Principle , essentials of feedback oscillator , tunes base oscillator |
| **WEEK 16,DAY 2 ,DATE :17/04/2018(TUESDAY)** |
| **B.sc I(A)N.M**🡪Tuned collector oscillator , Hartley oscillator**B.sc I(B)N.M**🡪Tuned collector oscillator , Hartley oscillator**B.sc I(B)N.M**🡪Practical lab |
| **WEEK 16,DAY 3 ,DATE :18/04/2018(WEDNESDAY)** |
| **Holiday on account ofMaharshiPasuram Jayanti** |
| **WEEK 16,DAY 4 ,DATE :19/04/2018(THURSDAY)** |
| **B.sc II(B)N.M**🡪Polarimetry :optical rotation**B.sc III(B)N.M**🡪Practical lab |
| **WEEK 16,DAY 5 ,DATE :20/04/2018(FRIDAY)** |
| **B.sc II(B)N.M**🡪Fresnel’s theory of optical rotation**B.sc II(B)N.M**🡪 To find area of triangle sphere and cylinder : Implementation ,compilation ,running of program |
| **WEEK 16 ,DAY 6 ,DATE :21/04/2018(SATURDAY)** |
| **B.sc II(B)N.M**🡪 Specific rotation ,Polarimeters**B.sc II(B)N.M**🡪To find area of triangle , sphere and cylinder :printing output and file completion  |
| **WEEK 17** |
| **ASSIGNMENT:** |
| **WEEK 17,DAY1 ,DATE :23/04/2018(MONDAY)** |
| **B.sc I(A)N.M**🡪Colpit’soscilaltors**B.sc I(B)N.M**🡪Colpit’soscilaltors |
| **WEEK 17,DAY 2 ,DATE :24/04/2018(TUESDAY)** |
| **B.sc I(A)N.M**🡪Numerical problems and topic wise problems**B.sc I(B)N.M**🡪Numerical problems and topic wise problems**B.sc I(B)N.M**🡪Practical lab |
| **WEEK 17,DAY 3 ,DATE :25/04/2018(WEDNESDAY)** |
| **B.sc I(A)N.M**🡪Revision of chapterwise conceptual question**B.sc I(B)N.M**🡪Revision of chapterwise conceptual question**B.sc III(A)N.M**🡪To study hall effect : Demonstetation& implementation**B.sc I(B)N.M**🡪Practical lab |
| **WEEK 17,DAY 4 ,DATE :26/04/2018(THURSDAY)** |
| **B.sc II(B)N.M**🡪Laurent’s half shade polarimeter , Biquartzpolarimeter**B.sc III(B)N.M**🡪Practical lab |
| **WEEK 17,DAY 5 ,DATE :27/04/2018(FRIDAY)** |
| **B.sc II(B)N.M**🡪Revision and numerical problems.**B.sc II(B)N.M**🡪To find area of sphere , cylinder and triangle : file checking and viva. |
| **WEEK 17 ,DAY 6 ,DATE :28/04/2018(SATURDAY)** |
| **B.sc II(B)N.M**🡪Test of chapter Polarimeter(Full)**B.sc II(B)N.M**🡪To find area of triangle sphere & cylinder file checking and viva |
| **WEEK 18** |
| **ASSIGNMENT:** |
| **WEEK 18,DAY1 ,DATE :30/04/2018(MONDAY)** |
| **B.sc I(A)N.M**🡪Revision**B.sc I(B)N.M**🡪 Revision |