Saraswati Mahila Mahavidyalaya, Palwal

**LessonPlan**

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

**Class and Section:B.Sc-III A and B; B.Sc-II(A) Non-Medical**

**Name of subject:Atomic molecular and laser physics, Wave and optics**

**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-III (A)-TH :Vector atom model**  **B.Sc-II-(B)LAB : Demonstration and implementation of to draw a graph between wavelength and minimum deviation.** |
| **WEEK 1 ,DAY 2 ,DATE :02/01/2018(TUESDAY)** |
| **B.Sc-III (A)-TH :Quantum number associated with vector model**  **B.Sc-II-(B)LAB :Implementation and calculation of practical** |
| **WEEK 1,DAY 3 ,DATE :03/01/2018(WEDNESDAY)** |
| **B.Sc-III (A)-TH :Penetration and non penetrating orbital**  **B.Sc-II-(B)LAB : Demonstration and implementation of: To draw a graph between wavelength and minimum deviation.** |
| **WEEK 1 ,DAY 4 ,DATE :04/01/2018(THURSDAY)** |
| **B.Sc-III (B)-TH : Vector atom model**  **B.Sc-II(A):Interference by thin film by reflected light**  **B.Sc-II-(A&B)LAB : Demonstration and implementation of:To draw a graph between wavelength and minimum deviation.** |
| **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-III (B)-TH : Quantum number associated with vector model**  **B.Sc-II-(A)LAB : Demonstration and implementation of to draw a graph between wavelength and minimum deviation.**  **B.Sc-II(A):Interference by transmitted light** |
| **WEEK 2** |
| **ASSIGNMENT:** |
| **WEEK 2,DAY1 ,DATE :08/01/2018(MONDAY)** |
| **B.Sc-III (A)-TH :Spectral lines of alkali spectra**  **B.Sc-II(B)-LAB : Calculation experiment 1 and draw a graph** |
| **WEEK 2 ,DAY 2 ,DATE :09/01/2018(TUESDAY)** |
| **B.Sc-III (A)-TH : Diagram of spectral lines**  **B.Sc-II-(B)LAB :File checking and viva** |
| **WEEK 2,DAY 3 ,DATE :10/01/2018(WEDNESDAY)** |
| **B.Sc-III (A)-TH :Spin orbital interactions**  **B.Sc-II-(B)LAB :Calculation experiment 1 and plot a graph** |
| **WEEK 2 ,DAY 4 ,DATE :11/01/2018(THURSDAY)** |
| **B.Sc-III (B)-TH :Penetrating and non penetrating**  **B.Sc-II(A): Colours of thin film**  **B.Sc-II-(A&B)LAB : Implementation and calculation of experiment 1** |
| **WEEK 2,DAY 5 ,DATE :12/01/2018(FRIDAY)** |
| **B.Sc-III (B)-TH : Spectral lines of alkali spectra**  **B.Sc-II(A): Wedge shaped film**  **B.Sc-II-(A)LAB :Calculation experiment 1 and draw a graph** |
| **WEEK 2 ,DAY 6 ,DATE :13/01/2018(SATURDAY)** |
| **B.Sc-III (**B**)-TH : Diagram of spectral lines**  **B.Sc-II(A):Newton rings by reflected light and transmission light**  **B.Sc-II-(A)LAB : file checking and viva** |
| **WEEK 3** |
| **ASSIGNMENT:** |
| **WEEK 3,DAY1 ,DATE :15/01/2018(MONDAY)** |
| **B.Sc-III (A)-TH :Lamor’stheorm**  **B.Sc-II(B)-LAB : Demonstration and implementation of determination of wavelength by diffraction grating.** |
| **WEEK 3 ,DAY 2 ,DATE :16/01/2018(TUESDAY)** |
| **B.Sc-III (A)-TH :Doublet term separation**  **B.Sc-II-(B)-LAB : Implementation and calculation** |
| **WEEK 3,DAY 3 ,DATE :17/01/2018(WEDNESDAY)** |
| **B.Sc-III (A)-TH : Numerical of DTS and coupling scheme**  **B.Sc-II-(B)LAB : Demonstration and implementation of determination of wavelength by diffraction grating.** |
| **WEEK 3 ,DAY 4 ,DATE :18/01/2018(THURSDAY)** |
| **B.Sc-III (B)-TH : Spin orbital interactions**  **B.Sc-II(A): determination of wavelength and minimum deviation by newton ring**  **B.Sc-II(A&B)-LAB : Implementation and calculation** |
| **WEEK 3,DAY 5 ,DATE :19/01/2018(FRIDAY)** |
| **B.Sc-III (B)-TH :Lamor’s theorem**  **B.Sc-II(A)- :Interferometer and its experiment**  **B.Sc-II-LAB : Implementation and calculation** |
| **WEEK 3 ,DAY 6 ,DATE :20/01/2018(SATURDAY)**  **B.Sc-III (B)-TH : Doublet term separation**  **B.Sc-II(A)- :Application of Interferometer and Fresnel diffraction**  **B.Sc-II-LAB : Implementation and calculation** |
| **WEEK 4** |
| **ASSIGNMENT:** |
| **WEEK 4,DAY1 ,DATE :22/01/2018(MONDAY)** |
| **Holiday on account of BasantPanchmi.** |
| **WEEK 4 ,DAY 2 ,DATE :23/01/2018(TUESDAY)** |
| **B.Sc-III (A)-TH :JJ coupling,LL,L-S Coupling**  **B.Sc-II-LAB : : Implementation and calculation** |
| **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-III (B)-TH :Numerical of doublet term separation and coupling scheme**  **B.Sc-II-(A) :Half period zone and zone plate**  **B.Sc-II-(A&B)LAB: Implementation and calculation** |
| **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-III (B)-TH :J-J ,L-S,L-L coupling**  **B.Sc-II-(A)LAB :calculation and viva**  **B.SC II(A): diffraction at a straight edge and rectangular slit** |
| **WEEK 5** |
| **ASSIGNMENT:** |
| **WEEK 5,DAY1 ,DATE :29/01/2018(MONDAY)** |
| **B.Sc-III (A)-TH :interaction energy of j-j coupling**  **B.Sc-II(A)-LAB :calculation and viva.** |
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| **WEEK 5 ,DAY 2 ,DATE :30/01/2018(TUESDAY)** |
| **B.Sc-III (A)-TH : Interaction energy of LS coupling**  **B.Sc-II-LAB : Viva and file checking** |
| **WEEK 5,DAY 3 ,DATE :31/01/2018(WEDNESDAY)** |
| **Holiday on account of Guru Ravi Das Jayanti** |
| **WEEK 5 ,DAY 4 ,DATE :01/02/2018(THURSDAY)** |
| **B.Sc-III (B)-TH :Interaction energy of JJ coupling**  **B.Sc-II(A&B)-LAB : Implementation and calculation**  **B.Sc-II(A): Diffraction at a single slit** |
| **WEEK 5,DAY 5 ,DATE :02/02/2018(FRIDAY)** |
| **B.Sc-III(B)-TH :Interaction energy of LS coupling**  **B.Sc-II(A)-LAB : Implementation and calculation**  **B.Sc-II(A): Diffraction at a double slit** |
| **WEEK 5 ,DAY 6 ,DATE :03/02/2018(SATURDAY)**  **B.Sc-III(B)-TH :Numerical of coupling**  **B.Sc-II(A)-LAB :Experiment of newton’s ring**  **B.Sc-II(A): Numerical of diffraction.** |
| **WEEK 6** |
| **ASSIGNMENT:** |
| **WEEK 6,DAY1 ,DATE :05/02/2018(MONDAY)** |
| **B.Sc-III (A)-TH :Numerical of coupling**  **B.Sc-II-LAB :Implementation of newton’s ring** |
| **WEEK 6 ,DAY 2 ,DATE :06/02/2018(TUESDAY)** |
| **B.Sc-III (A)-TH :Zeeman effect and quantum theory**  **B.Sc-II-LAB :Implementation and calculation** |
| **WEEK 6,DAY 3 ,DATE :07/02/2018(WEDNESDAY)** |
| **B.Sc-III (A)-TH :Numerical of unit-1**  **B.Sc-II-LAB :viva and file checking** |
| **WEEK 6 ,DAY 4 ,DATE :08/02/2018(THURSDAY)** |
| **B.Sc-III (B)-TH :Zeeman effect and quantum theory**  **B.Sc-II(A&B)-LAB :Newton’s ring experiment**  **B.Sc-II(A):Absent spectra and resolving power** |
| **WEEK 6,DAY 5 ,DATE :09/02/2018(FRIDAY)** |
| **B.Sc-III (B)-TH :Zeeman effect and classical theory**  **B.Sc-II-LAB(A) :Calculation and implementation**  **B.Sc-II(A): Rayleigh criteria of diffraction** |
| **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-III (A)-TH :Anomalous Zeeman effect**  **B.Sc-II-LAB :Calculation of newton’s ring** |
| **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-III (A)-TH :D1 and D2 lines of spectrum**  **B.Sc-II-LAB :File checking and viva** |
| **WEEK 7 ,DAY 4 ,DATE :15/02/2018(THURSDAY)** |
| **B.Sc-III(B)-TH :Classical theory of Zeeman effect**  **B.Sc-II(A&B)-LAB :Calculation and viva**  **B.sc-II(A): Resolving power of telescope,prism and grating.** |
| **WEEK 7,DAY 5 ,DATE :16/02/2018(FRIDAY)** |
| **B.Sc-III (B)-TH :Anomalouszeeman effect**  **B.Sc-II(A)-LAB :Calculation of newton ring**  **B.Sc-II(A): Numerical of newton ring** |
| **WEEK 7 ,DAY 6 ,DATE :17/01/2018(SATURDAY)** |
| **B.Sc-III (B)-TH :Classical theory of Zeeman effect**  **B.Sc-II(A)-LAB :File checking and viva**  **B.Sc-II(A): Revision of unit-2** |
| **WEEK 8** |
| **ASSIGNMENT:** |
| **WEEK 8,DAY1 ,DATE :19/02/2018(MONDAY)** |
| **B.Sc-III (A)-TH :D1 and D2 lines diagram**  **B.Sc-II-LAB :Experiment of RC coupled amplifier.** |
| **WEEK 8 ,DAY 2 ,DATE :20/02/2018(TUESDAY)** |
| **B.Sc-III (A)-TH : Weak field stark effect**  **B.Sc-II-LAB :Implementation of experiment** |
| **WEEK 8,DAY 3 ,DATE :21/02/2018(WEDNESDAY)** |
| **B.Sc-III (A)-TH :Energy factor of stark effect and diagram**  **B.Sc-II-LAB :Implementation of RC coupled experiment** |
| **WEEK 8 ,DAY 4 ,DATE :22/02/2018(THURSDAY)** |
| **B.Sc-III (B)-TH :D1 and D2 lines and paschen back effect**  **B.Sc-II(A&B)-LAB :Calculation and viva**  **B.Sc-II(A): Test of unit 1** |
| **WEEK 8,DAY 5 ,DATE :23/02/2018(FRIDAY)** |
| **B.Sc-III (B)-TH : Weak field stark effect**  **B.Sc-II(A)-LAB :implementation and calculation**  **B.Sc-II(A): Polarized and unpolarized light.** |
| **WEEK 8 ,DAY 6 ,DATE :24/02/2018(SATURDAY)** |
| **B.Sc-III (B)-TH :Energy factor of stark effect**  **B.Sc-II(A)-LAB :Implementation of experiment**  **B.Sc-II(A): Plane of polarization and vibration** |
| **WEEK 9** |
| **ASSIGNMENT:** |
| **WEEK 9,DAY1 ,DATE :26/02/2018(MONDAY)** |
| **B.Sc-III (A)-TH : Difference between Zeeman and Paschen Effect**  **B.Sc-II-LAB :File checking with viva** |
| **WEEK 9 ,DAY 2 ,DATE :27/02/2018(TUESDAY)** |
| **B.Sc-III (A)-TH : Test of unit-1**  **B.Sc-II-LAB :revision experiment** |
| **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-III (A)-TH :Numerical of Zeeman effect**  **B.Sc-II-LAB :demonstration of series and parallel resonance circuit.** |
| **WEEK 10,DAY 2 ,DATE :06/03/2018(TUESDAY)** |
| **B.Sc-III (A)-TH :Description of vibrational energy**  **B.Sc-II-LAB :Implementation and calculation** |
| **WEEK 10,DAY 3 ,DATE :07/03/2018(WEDNESDAY)** |
| **B.Sc-III (A)-TH :Description of rotational energy**  **B.Sc-II-LAB :File checking with viva** |
| **WEEK 10,DAY 4 ,DATE :08/03/2018(THURSDAY)** |
| **B.Sc-III (B)-TH :Difference between zeeman and paschen back effect**  **B.Sc-II(A&B)-LAB: demonstration of series and parallel resonance circuit.**  **B.Sc-II(A): Polarization by scattering** |
| **WEEK 10,DAY 5 ,DATE :09/03/2018(FRIDAY)** |
| **B.Sc-III (B)-TH :Discrete energy of vibration**  **B.Sc-II(A)-LAB :Calculation and file checking**  **B.Sc-II(A) : Double refraction.** |
| **WEEK 10 ,DAY 6 ,DATE :10/03/2018(SATURDAY)** |
| **B.Sc-III (B)-TH :Raman effect**  **B.Sc-II(A)-LAB :programming to find roots of quadratic equation**  **B.Sc-II(A) :Polarization and double refraction** |
| **WEEK 11** |
| **ASSIGNMENT:** |
| **WEEK 11,DAY1 ,DATE :12/03/2018(MONDAY)** |
| **B.Sc-III (A)-TH :Raman effect and stock and anti stock line**  **B.Sc-II-LAB :implementation of program** |
| **WEEK 11,DAY 2 ,DATE :13/03/2018(TUESDAY)** |
| **B.Sc-III (A)-TH :Experiment of Raman effect**  **B.Sc-II-LAB :implementation of program** |
| **WEEK 11,DAY 3 ,DATE :14/03/2018(WEDNESDAY)** |
| **B.Sc-III (A)-TH :revision of unit-2**  **B.Sc-II-LAB :file checking and viva** |
| **WEEK 11,DAY 4 ,DATE :15/03/2018(THURSDAY)** |
| **B.Sc-III (B)-TH :Raman effect stock and anti stock line**  **B.Sc-II(A&B)-LAB :file checking with viva**  **B.Sc-II(A) : principle section and optic axis** |
| **WEEK 11,DAY 5 ,DATE :16/03/2018(FRIDAY)** |
| **B.Sc-III (B)-TH :Raman effect experiment**  **B.Sc-II(A)-LAB :implementation of program to find the root of quadratic equation**  **B.SC-II(A) :type of crystal and Nicole prism** |
| **WEEK 11 ,DAY 6 ,DATE :17/03/2018(SATURDAY)** |
| **B.Sc-III (B)-TH :Atomic transitions and emission**  **B.Sc-II(A)-LAB :file checking with viva**  **B.Sc-II(A) : Plane circularly polarized light** |
| **WEEK 12** |
| **ASSIGNMENT:** |
| **WEEK 12,DAY1 ,DATE :19/03/2018(MONDAY)** |
| **B.Sc-III (A)-TH :component of laserand laser cavity**  **B.Sc-II-LAB :file checking with viva** |
| **WEEK 12,DAY 2 ,DATE :20/03/2018(TUESDAY)** |
| **B.Sc-III (A)-TH :atomic transition and emission**  **B.Sc-II-LAB :program to find the area of triangle, sphere and cylinder** |
| **WEEK 12,DAY 3 ,DATE :21/03/2018(WEDNESDAY)** |
| **B.Sc-III (A)-TH :property of laser beam**  **B.Sc-II-LAB :implementation of program and file checking** |
| **WEEK 12,DAY 4 ,DATE :22/03/2018(THURSDAY)** |
| **B.Sc-III (B)-TH :Laser component and laser cavity**  **B.Sc-II(A&B)-LAB :implementation of program**  **B.Sc-II(A)-Quarter wave plate** |
| **WEEK 12,DAY 5 ,DATE :23/03/2018(FRIDAY)** |
| **Holiday on account ofShahididiwas.** |
| **WEEK 12 ,DAY 6 ,DATE :24/03/2018(SATURDAY)** |
| **B.Sc-III (B)-TH :laser coherence and moment transfer**  **B.Sc-II(A)-LAB :implementation of program**  **B.Sc-II(A)half wave plate** |
| **WEEK 13** |
| **ASSIGNMENT:** |
| **WEEK 13,DAY1 ,DATE :26/03/2018(MONDAY)** |
| **B.Sc-III (A)-TH :Einsteincoefficient**  **B.Sc-II-LAB : demonstration of experiment of no of lines per cm using grating** |
| **WEEK 13,DAY 2 ,DATE :27/03/2018(TUESDAY)** |
| **B.Sc-III (A)-TH :Threshold condition**  **B.Sc-II-LAB :Implementation of a program** |
| **WEEK 13,DAY 3 ,DATE :28/03/2018(WEDNESDAY)** |
| **B.Sc-III (A)-TH :Laser pumping and its type**  **B.Sc-II-LAB :Calculation 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-III (B)-TH :Life time moment transfer and threshold condition**  **B.Sc-II(A)-LAB :file checking with viva**  **B.Sc-II(A)- production of polarized light** |
| **WEEK 13 ,DAY 6 ,DATE :31/03/2018(SATURDAY)** |
| **B.Sc-III (B)-TH :Einstein coefficient and laser coherence**  **B.Sc-II(A)-LAB :demonstration of experiment of no of lines per cm using grating**  **B.Sc-II(A): deduction of polarized light** |
| **WEEK 14** |
| **ASSIGNMENT:** |
| **WEEK 14,DAY1 ,DATE :02/04/2018(MONDAY)** |
| **B.Sc-III (A)-TH :Einstein coefficient**  **B.Sc-II-LAB :Find out the frequency of a tuning fork by Melde experiment.** |
| **WEEK 14,DAY 2 ,DATE :03/04/2018(TUESDAY)** |
| **B.Sc-III (A)-TH: The threshold condition.**  **B.Sc-II-LAB :Implementation of a program** |
| **WEEK 14,DAY 3 ,DATE :04/04/2018(WEDNESDAY)** |
| **B.Sc-III (A)-TH:The laser pumping and its type.**  **B.Sc-II-LAB:Find out the frequency of a tuning fork by Melde experiment.** |
| **WEEK 14,DAY 4 ,DATE :05/04/2018(THURSDAY)** |
| **B.Sc-III(B)-TH :Life time and momentum transfer, population inversion.**  **B.Sc-II(A)- :Deduction of plain polarized, circularity polarized light.**  **B.Sc-II(A&B))-LAB :Implementation of a program.** |
| **WEEK 14,DAY 5 ,DATE :06/04/2018(FRIDAY)** |
| **B.Sc-III(B)-TH:Einstein coefficient and laser coherence.**  **B.Sc-II-(A):Deduction of elliptically polarized light.**  **B.Sc-II(A)-LAB :Reading, demonstration of an experiment of : to calculate frequency using Melde experiment.** |
| **WEEK 14 ,DAY 6 ,DATE :07/04/2018(SATURDAY)** |
| **B.Sc-III (B)-TH:Threshold condition, pumping power and type.**  **B.Sc-II-(A):Optical activity and demonstration of optical rotation.**  **B.Sc-II(A)-LAB :Implementation of experiment.** |
| **WEEK 15** |
| **ASSIGNMENT:** |
| **WEEK 15,DAY1 ,DATE :09/04/2018(MONDAY)** |
| **B.Sc-III (A)-TH:Rubi laser and its theory.**  **B.Sc-II(B)-LAB:Calculation and file checking of experiment.** |
| **WEEK 15,DAY 2 ,DATE :10/04/2018(TUESDAY)** |
| **B.Sc-III(A)-TH:He-Ne laser and its theory.**  **B.Sc-II(B)-LAB: Reading and demonstration of experiment parallel and resonance circuit.** |
| **WEEK 15,DAY 3 ,DATE :11/04/2018(WEDNESDAY)** |
| **B.Sc-III(A)-TH:Revision of Ruby and He-Ne laser.**  **B.Sc-II(B)- :Implementation of an experiment.** |
| **WEEK 15,DAY 4 ,DATE :12/04/2018(THURSDAY)** |
| **B.Sc-III (B)-TH :Laser types and Ruby laser theory**  **B.Sc-II(A)- :Fresnel theory of optical rotation, specific rotation.**  **B.Sc-III(A&B)-LAB :Calculation and file checking.**  **B.Sc-II(A&B)-LAB :Calculation and file checking.** |
| **WEEK 15,DAY 5 ,DATE :13/04/2018(FRIDAY)** |
| **B.Sc-III (B)-TH :He – Ne laser theory**  **B.Sc-II(A)-LAB :Numerical of Fresnel diffraction.**  **B.Sc-II(A)-LAB :Calculation and file checking.** |
| **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-III (A)-TH:Test of Ruby and He-Ne laser.**  **B.Sc-II(B)-LAB :Revision of experiment 1.** |
| **WEEK 16,DAY 2 ,DATE :17/04/2018(TUESDAY)** |
| **B.Sc-III (A)-TH:Application of laser in industry.**  **B.Sc-II(B)-LAB :Revision of experiment 2.** |
| **WEEK 16,DAY 3 ,DATE :18/04/2018(WEDNESDAY)** |
| **Holiday on account ofMaharshiParsuram Jayanti** |
| **WEEK 16,DAY 4 ,DATE :19/04/2018(THURSDAY)** |
| **B.Sc-III (B)-TH:Application of laser and medicine.**  **B.Sc-II(A) :-Numerical of Fran Hofferdiffraction.**  **B.Sc-II(A&B) LAB:-Reading and demonstration of experiment.**  **B.Sc-II(A&B) LAB:-Parallel and resonance circuit.** |
| **WEEK 16,DAY 5 ,DATE :20/04/2018(FRIDAY)** |
| **B.Sc-III (B)-TH:Test of unit-3.**  **B.Sc-II(A):-Test of unit-2.**  **B.Sc-II(A) LAB:-Reading and demonstration of experiment parallel and resonance circuit.** |
| **WEEK 16 ,DAY 6 ,DATE :21/04/2018(SATURDAY)** |
| **B.Sc-III(B)-TH:Application of laser in industry.**  **B.Sc-II-(A) :Half shade polar meter and numerical of grating spectra.**  **B.Sc-II(A) LAB:-Implementation of experiment.** |
| **WEEK 17** |
| **ASSIGNMENT:** |
| **WEEK 17,DAY1 ,DATE :23/04/2018(MONDAY)** |
| **B.Sc-III(A)-TH:Revision of unit-1.**  **B.Sc-II(B)-LAB :Reading and demonstration of parallel and series resonance circuit.** |
| **WEEK 17,DAY 2 ,DATE :24/04/2018(TUESDAY)** |
| **B.Sc-III (A)-TH:Presentation of spin orbital interaction.**  **B.Sc-II(B)-LAB :Implementation and calculation of experiment.** |
| **WEEK 17,DAY 3 ,DATE :25/04/2018(WEDNESDAY)** |
| **B.Sc-III(A)-TH:Presentation of laser component and pumping.**  **B.Sc-II(B)-LAB :Reading and demonstration of parallel and series resonance circuit.** |
| **WEEK 17,DAY 4 ,DATE :26/04/2018(THURSDAY)** |
| **B.Sc-III(B)-TH:Application of laser in medicine.**  **B.Sc-II(A)- :Bi-quartz polar meter and it’s numerical of unit-3.**  **B.Sc-II(A&B)-LAB :Implementation of parallel and series resonance circuit.** |
| **WEEK 17,DAY 5 ,DATE :27/04/2018(FRIDAY)** |
| **B.Sc-III (B)-TH:Presentation of spin orbital interaction.**  **B.Sc-II(A)-LAB :Revision of unit-3.**  **B.Sc-II(A)-LAB :Demonstration and Implementation of parallel and series resonance circuit.** |
| **WEEK 17 ,DAY 6 ,DATE :28/04/2018(SATURDAY)** |
| **B.Sc-III(B)-TH:Presentation of laser and laser component.**  **B.Sc-II(A)- :Test of unit-3.**  **B.Sc-II(A)-LAB :Calculation and file checking of experiment.** |
| **WEEK 18** |
| **ASSIGNMENT:** |
| **WEEK 18,DAY1 ,DATE :30/04/2018(MONDAY)** |
| **B.Sc-III(A)-TH:Presentation of Ruby and He-Ne laser.**  **B.Sc-II(B)-LAB :Viva and file checking.** |