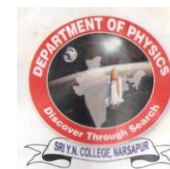




DEPARTMENT OF PHYSICS

DEPARTMENTAL ACADEMIC ACTIVITIES - 2025 -2026



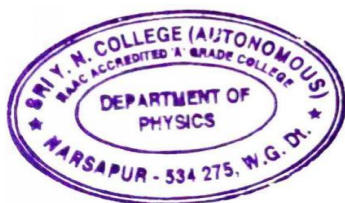
Commissionerate of Collegiate Education - A.P.						
DEPARTMENT OF PHYSICS						
DEPARTMENTAL ACADEMIC ACTIVITIES - 2025-2026						
SEMESTERS I/III/V						
S.No	Month	Week	Date	Activity	Class and Topic	Name of the Lecturer
	June'25	3 rd	16-06-25 to 20-06-2025	FDP	FDP on Dynamics of Teaching and Research Methodologies in Higher Education Institution under NEP – 2020	All the staff members
			21-06-2025	Yoga Day	International Yoga Day Celebrations 2025.	All the Staff members
	July'25	1 st	01-07-2025	Assignment	Assignments for the Course 12 Students	Dr L Malleswara Rao
			02-07-2025	Assignment	Assignments for the Course 13 Students	Dr L Malleswara Rao
			07-07-2025	ICT/PPT	Power Point Presentation on Analog Multimeter by III year students	Dr L Malleswara Rao
		2 nd	10-07-2025	Assignment	Assignment for II Minor students on the topic Condition for achromatism.	Dr A P V Appa Rao
		2 nd	11-07-2025	Assignment	Assignment for II Major students on the topic Work done in Isothermal and adiabatic process	Dr A P V Appa Rao
			15-07-2025	ICT/PPT	Power Point Presentation on Cathode Ray Tube by III year Students	Dr L Malleswara Rao
		2 nd	16-07-2025	Assignment	Assignment for III Minor students on the topic PMMC instrument construction and working	Dr A P V Appa Rao
			17-07-2025 to 19-07-25	Internship Programme	Short term internship programme – Viva Voice conducted	Dr L Malleswara Rao
		3 rd	21-07-2025	Seminar 1	Seminar for II Minor students on Spherical aberration	Dr A P V Appa Rao
			21-07-2025	PPT	Power point presentation on measurement of voltage (DC & AC) by III year students	Dr L Malleswara Rao
			21-07-2025	Assignment	Assignment conducted for II Major Students	P Ramakrishna Rao
			22-07-2025	Assignment	Assignments for the Course 12 Students	Dr L Malleswara Rao
			22-07-2025	Seminar	Seminar conducted on Spherical Aberration	P Ramakrishna Rao

			23-07-2025	Assignment	Assignments for the Course 13 Students	Dr L Malleswara Rao
		3 rd	24-07-2025	Seminar 1	Seminar for II Major students on Carnot's engine	Dr A P V Appa Rao
			24-07-2025	Assignment	Assignment conducted for III Minor students	P Ramakrishna Rao
		3 rd	25-07-2025	Seminar 1	Seminar for III Minor students on Analog and digital multimeters	Dr A P V Appa Rao
			21-07-2025	ICT/PPT	Power Point Presentation on Different types of batteries by III year students	Dr L Malleswara Rao
		4 th	26-07-2025	Assignment 2	Assignment for II Minor students on Fresnel's Biprism experiment.	Dr A P V Appa Rao
		4 th	28-07-2025	Assignment 2	Assignment for II Major students on Efficiency of heat engine	Dr A P V Appa Rao
		4 th	30-07-2025	Assignment 2	Assignment for III Minor students on 3 ½ and 4 ½ display in multimeters.	Dr A P V Appa Rao
		4 th	31-07-2025	PPT 1	Power Point Presentation for II Major students on Carnot's theorem, statements and proof	Dr A P V Appa Rao
	Aug'25	1 st	01-08-2025	ICT/PPT	Power point presentation o Li-ion batteries by III year students	Dr L Malleswara Rao
			02-08-2025	PPT 1	Power Point Presentation for II Minor students on Newton's ring experiment	Dr A P V Appa Rao
			02-08-2025	PPT 1	Power Point Presentation for III Minor students on Cathode Ray Oscilloscope	Dr A P V Appa Rao
			02-08-2025	Assignment	Assignments for the Course 12 Students	Dr L Malleswara Rao
			04-08-2025	Assignment 3	Assignment for II Minor students on Derivation of Cosine Law	Dr A P V Appa Rao
			04-08-2025	Assignment	Assignments for the Course 13 Students	Dr L Malleswara Rao
			04-08-2025	PPT	Power Point Presentation on Wedge Method	P Ramakrishna Rao
			05-08-2025	Assignment	Assignments for the Course 14 Students	Dr L Malleswara Rao
			06-08-2025	Assignment	Assignments for the Course 14 Students	Dr L Malleswara Rao
			06-08-2025	Assignment	Assignment conducted for II Major students	P Ramakrishna Rao
			07-08-2025	Assignment 3	Assignment for II Major students on T-S diagrams – expression for efficiency of Carnot's engine	Dr A P V Appa Rao
		2 nd	12-08-2025	Assignment	Assignments for the Course 14 Students	Dr L Malleswara Rao
			18-08-2025	Assignment	Assignment conducted for III Minor students	P Ramakrishna Rao

			13-08-2025	Assignment 3	Assignment for III Minor students on Cathode Ray Oscilloscope	Dr A P V Appa Rao
		4 th	25-08-2025	Seminar 2	Seminar for the II Minor students on Michelson's Interferometer	Dr A P V Appa Rao
			26-08-2025	Seminar	Seminar Conducted on different types of capacitors	P Ramakrishna Rao
			28-08-2025	Assignment	Assignment conducted for III Minor students	P Ramakrishna Rao
			29-08-2025	Seminar 2	Seminar for the III Minor students on Biomedical Instruments	Dr A P V Appa Rao
			29-08-2025	Assignment	Assignments for the Course 12 Students	Dr L Malleswara Rao
			29-08-2025	Assignment	Assignment conducted for II Major students	P Ramakrishna Rao
			30-08-2025	Assignment	Assignments for the Course 14 Students	Dr L Malleswara Rao
	Sep'25	1 st	01-09-2025	Assignment	Assignments for the Course 13 Students	Dr L Malleswara Rao
			04-09-2025	Seminar 2	Seminar for the II Major students on Maxwell's thermodynamic potentials and equation	Dr A P V Appa Rao
			04-09-2025	Assignment	Assignment conducted for III Minor students	P Ramakrishna Rao
			06-09-2025	Assignment 4	Assignment for the II Minor Students on Fraunhofer diffraction due to simple slit	Dr A P V Appa Rao
		2 nd	08-09-2025	PPT	Power Point Presentation on Li-ion battery	P Ramakrishna Rao
			09-09-2025	Assignment	Assignment conducted for II Major students	P Ramakrishna Rao
			11-09-2025	Assignment 4	Assignment for the II Major students on Porous plug experiment	Dr A P V Appa Rao
			11-09-2025	PPT	Power Point Presentation on Liquid Crystal Display	Dr L Malleswara Rao
			12-09-2025	Assignment 4	Assignment for the III Minor on Capacitive and resistive transducers'	Dr A P V Appa Rao
		3 rd	16-09-2025	PPT 2	Power Point Presentation by the II Minor students on Zone plate construction and working	Dr A P V Appa Rao
			17-09-2025	Seminar	Seminar on Optical Instruments and optometry by Course 14 students	Dr L Malleswara Rao
			18-09-2025	PPT 2	Power point presentation by the II Major students on Adiabatic demagnetization	Dr A P V Appa Rao
			18-09-2025	Seminar	Seminar on Electronic Instrumentation by Course 13 students	Dr L Malleswara Rao
			19-09-2025	Seminar	Seminar on Applications of Electricity and Electronics by	Dr L Malleswara Rao

					Course 12 students	
			19-09-2025	Seminar	Seminar Conducted on Nichol Prism	P Ramakrishna Rao
		4 th	20-09-2025	PPT 2	Power point presentation by the III Minor students on Wheaston's bridge and Maxwell's bridge	Dr A P V Appa Rao
			20-09-2025	Assignment	Assignments for the Course 14 Students	Dr L Malleswara Rao
			20-09-2025	PPT	Power Point Presentation on Michelson Morley experiment	P Ramakrishna Rao
			22-09-2025	Assignment	Assignments for the Course 13 Students	Dr L Malleswara Rao
			22-09-2025	Seminar	Seminar conducted on DC Generator	P Ramakrishna Rao
			23-09-2025	Assignment 5	Assignment for the II Minor students on He-Ne gas lasers	Dr A P V Appa Rao
			23-09-2025	Assignment	Assignments for the Course 12 Students	Dr L Malleswara Rao
			24-09-2025	Assignment	Assignment conducted for II Major students	P Ramakrishna Rao
			25-09-2025	Assignment 5	Assignment for the II Major students on Plank's Law derivation	Dr A P V Appa Rao
			25-09-2025	Assignment	Assignment conducted for III Minor students	P Ramakrishna Rao
			27-09-2025	Assignment 5	Assignment for III Minor students on light emitting diodes	Dr A P V Appa Rao
	Oct'25	2 nd	07-10-2025	PPT	Power Point Presentation on Diode detector	P Ramakrishna Rao
			10-10-2025	BOS	Attended Board of Studies meeting at KBN College, Vijayawada	Dr L Malleswara Rao
			15-10-2025	BOS	Attended Board of Studies meeting at SCKP & Dr KS Raju Arts & Science College, Penugonda	Dr L Malleswara Rao
	Nov'25	3 rd	22-11-2025	Seminar	Seminar on Scattering cross section and Impact parameter for I year MajorC2 students.	Ch Sundar Singh
			25-11-2025	Assignment	Assignment for I year MajorC2 students on Two dimension Elastic collision.	Ch Sundar Singh
			26-11-2025	Assignment	Assignment for I MajorC1 students on Central forces	Ch Sundar Singh
			29-11-2026	Assignment	Assignment for I MajorC1 students on Two dimension elastic collisions	Ch Sundar Singh
	Dec'25	2 nd	15-12-2025	Seminar	Seminar on Michelson Morley experiment for I year MajorC2 students	Ch Sundar Singh
		3 rd	22-12-2025	Assignment	Assignment for I year MajorC2 students on Michelson Morley experiment	Ch Sundar Singh

			22-12-2025	PPT	Power Point Presentation on Postulates of special theory of relativity by I MajorC2 students	Ch Sundar Singh
	Jan'26	1 st	05-01-2026	Assignment	Assignment for I year MajorC2 students on Lorentz transformation	Ch Sundar Singh

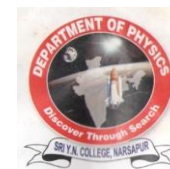



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DEPARTMENT OF PHYSICS

DEPARTMENTAL ACADEMIC ACTIVITIES - 2025 -2026

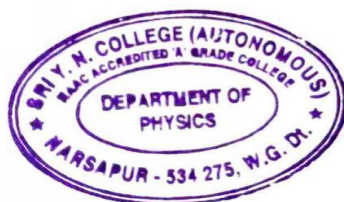


Commissionerate of Collegiate Education - A.P.						
DEPARTMENT OF PHYSICS						
DEPARTMENTAL ACADEMIC ACTIVITIES - 2025-2026						
SEMESTERS II/IV						
S.No	Month	Week	Date	Activity	Class and Topic	Name of the Lecturer
	Dec'25		7-12-2025	Assignment-I	Assignment for II Minor-C4 students on Borh's theory of hydrogen atom	Dr A P V Appa Rao
			09-12-2025	Assignment-I	Assignment for I Major-C2 students	Dr L Malleswara Rao
			12-12-2025	Assignment	Assignment for II Major-C11 students on Structure of Nuclei	Dr L Malleswara Rao
			15-12-2025	PPT	Power Point Presentation by II Major-C11 students on Gamow's theory of alpha decay	Dr L Malleswara Rao
			17-12-2025	Assignment	Assignment for I Major-C1 students	Dr L Malleswara Rao
			17-12-2025	Seminar	Seminar by II Major-C9 students on Gauss Law and its proof	Ch Sundar Singh
			18-12-2025	Seminar	Seminar by II Minor students on Gauss Law	P Ramakrishna Rao
			20-12-2025	Assignment	Assignment for II Major-C9 students on Effect of Electric field on di-electrics	Ch Sundar Singh
			22-12-2025	Assignment-2	Assignment for II Major-C11 students	Dr L Malleswara Rao
			23-12-2025	Assignment	Assignment for I Major-C2 students	Dr L Malleswara Rao
			23-12-2025	Assignment	Assignment for II Minor students	P Ramakrishna Rao
			29-12-2025	Assignment-II	Assignment for II Minor-C4 students on quantum numbers associated with vector atom model	Dr A P V Appa Rao
			30-12-2025	Seminar	Seminar conducted by I Major-C2 students on Central forces.	Dr L Malleswara Rao
			31-12-2025	Seminar	Seminar conducted by I Major-C1 students on Matrices	Dr L Malleswara Rao
			31-12-2025	Assignment	Assignment for I Major-C1 students	Dr L Malleswara Rao
	Jan'26		06-01-2026	Assignment	Assignment for I Major-C2 students	Dr L Malleswara Rao
			07-01-2026	Assignment	Assignment for I Major-C1 students	Dr L Malleswara Rao

			07-01-2026	Assignment	Assignment for II Minor students	P Ramakrishna Rao
			07-01-2026	Assignment	Assignment for II year Major-C9 students on Relation between D,E and P	Ch Sundar Singh
			28-01-2026	PPT	PPT by II Minor students on Potential due to Sphere	P Ramakrishna Rao
			29-01-2026	Assignment	Assignment for II Minor students	P Ramakrishna Rao
			30-01-2026	Assignment	Assignment for II Major-C11 students	Dr L Malleswara Rao
	Feb'26		03-02-2026	PPT	Power Point Presentation by II Major C-11 students on Cyclotron Construction and working	Dr L Malleswara Rao
			04-02-2026	Seminar-I	Seminar by II Minor-C4 students on Davisson and Germer experiment	Dr A P V Appa Rao
			04-02-2026	Assignment	Assignment for II year Major-C9 students on Biot Savart's Law Circular loop	Ch Sundar Singh
			07-02-2026	Seminar	Seminar by II Minor students on Dielectrics	P Ramakrishna Rao
			09-02-2026	Assignment-3	Assignment for II Minor-C4 students on De-Broglie concept of matter waves and expressions for wavelength	Dr A P V Appa Rao
			09-02-2026	Assignment-4	Assignment for II Major C-11 students	Dr L Malleswara Rao
			13-02-2026	Assignment	Assignment for II Major-C9 students on Hall effect, Determination of Hall coefficient and applications	Ch Sundar Singh
			18-02-2026	PPT-I	Power Point Presentation on Super conductivity by II Mior-C4 students	Dr A P V Appa Rao
			18-02-2026	Assignment	Assignment for II Minor students	P Ramakrishna Rao
			19-02-2026	PPT/LCD	Power Point Presentation by II Major C-11 students on GM Counter construction and working	Dr L Malleswara Rao
			20-02-2026	Assignment	Assignment for II year Major-C9 students on Self Induction and Mutual Induction	Ch Sundar Singh
			22-02-2026	Seminar	Seminar by II Major-C9 students on Electromagnetic wave equation in conducting media	Ch Sundar Singh
			23-02-226	Assignment-5	Assignment for II Major-C11 students	Dr L Malleswara Rao
			23-02-2026	Assignment	Assignment for I year Course-C3 students on Simple Harmonic oscillator, solution of differential equation	Ch Sundar Singh
			25-02-2026	Assignment-4	Assignment for II Minor-C4 students on Schrodinger time independent equation	Dr A P V Appa Rao
			26-02-2026	Assignment	Assignment for II Minor students	P Ramakrishna Rao

		28-02-2026	Assignment-1	Assignment for I Major-C4 students	Dr L Malleswara Rao
	Mar'26	02-03-2026	PPT	PPT by II Minor students on Growth and decay of L R Circuit	P Ramakrishna Rao
		02-03-2026	Seminar	Seminar by I year Course-C3 students on Combination of two mutually perpendicular SH MS	Ch Sundar Singh
		04-03-2026	Seminar-2	Seminar on Rotational energy of molecules by II Minor-C4 students	Dr A P V Appa Rao
		05-03-2026	Seminar	Class Room Seminar by II Major C11 students on GM Counter, Wilson cloud Chamber	Dr L Malleswara Rao
		09-03-2026	Assignment-5	Assignment for II Minor-C4 students on Energy of particle in one dimensional potential bx of infinite height	Dr A P V Appa Rao
		09-03-2026	PPT	Power Point Presentation by II Major C11 students on Synchrocyclotron	Dr L Malleswara Rao
		09-03-2026	Assignment	Assignment for I Year C3 students on Forced Oscillations, solution of differential equation	Ch Sundar Singh
		17-03-2026	Assignment-2	Assignment for I Major-C4 students	Dr L Malleswara Rao
		18-03-2026	PPT-	Power Point Presentation by II Minor-C4 students on Raman effect experimental arrangement	Dr A P V Appa Rao
		18-03-2026	PPT/LCD	Power Point Presentation by I Major-C4 students on Porous Plug Experiment	Dr L Malleswara Rao
		20-03-2026	PPT	PPT by II Major-C9 students on Hall effect, Determination of Hall coefficient and its applications	Ch Sundar Singh
		23-03-2026	Internship	Internship Viva-Voce conducted for III B Sc Physics Major students Semester VI Long term.	Dr L Malleswara Rao
		26-03-2026	Assignment	Assignment for I year Course-C3 students on Fresenels Biprism, determination of wave length of light	Ch Sundar Singh
		30-03-2026	Seminar	Seminar by I Course-C3 students on Wedge shaped film	Ch Sundar Singh
		31-03-2026	Assignment-3	Assignment for I Major-C4 students	Dr L Malleswara Rao
	Apr'26	01-04-2026	PPT/LCD	Power Point Presentation by I Major-C4 students on Refrigeration – Vapour Compression mechanism	Dr L Malleswara Rao
		02-04-2026	Assignment	Assignment for I year Course-C3 students on Colours n thin film	Ch Sundar Singh
		06-04-2026	Assignment	Assignment for I year Course-C3 students on	Ch Sundar Singh

					determination of wave length of monochromatic light using Newton Rings	
			08-04-2026	Assignment-4	Assignment for I Major-C4 students	Dr L Malleswara Rao
			15-04-2026	Assignment-5	Assignment for I Major-C4 students	Dr L Malleswara Rao
			16-04-2026	PPT	PPT by I year Course-C3 students on determination of diameter of wire, Newton rings in reflected light	Ch Sundar Singh
			21-04-2026	Seminar	Class Room Seminar by I Major-C4 II semester students on Thermodynamics	Dr L Malleswara Rao
			22-04-2026	PPT	Power Point Presentation by I Major-C4 students on Adiabatic Demagnetization	Dr L Malleswara Rao



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