

## PHY 461/462 II<sup>nd</sup> sem 2024-25

### Student's group distribution and allotment of first experiment

#### Group-A (MON-TUE)

S.N	Roll No.	Student Name	First Experiment
A-1	210026	ABHIJEET VERMA	Phase Transition in BaTiO <sub>3</sub>
A-2	210216	ASHMIT BATHLA	Phase Transition in BaTiO <sub>4</sub>
A-3	210223	ASHUTOSH RANA	Planck's Constant
A-4	210471	JEFRIN JO W.	Planck's Constant
A-5	210863	RITIK B KUMAR	Temperature dependence in Hall Coefficient
A-6	210899	SAHIL VIKAS BADAMI	Temperature dependence in Hall Coefficient
A-7	220906	ROHAN NAGARAJ RAM	Photoconductivity
A-8	221178	VATSAANKIT MUDGAL	Photoconductivity
A-9	200654	OM JEE	Electron Spin Resonance
A-10	208170184	ARKACHUR BHATTACHARYA	Electron Spin Resonance
A-11	208170484	KALASH TALATI	Gamma Ray Spectrometer
A-12	208170509	KEVAL RAJESH MOLIYA	Gamma Ray Spectrometer
A-13	208170570	MAYANK MISHRA	Michelson's Interferometer using Sodium Lamp
A-14	208170918	SHASHANK C S	Michelson's Interferometer using Sodium Lamp
A-15	208171001	SRIVISHNU RAJAGOPAL	Fluorescence of UNH
A-16	208171002	SRUJAN KILLADA	Fluorescence of UNH
A-17	218170292	CHITRESH NAWAL	Stefan's constant
A-18	218170703	PARMAR SOHAM MULJIBHAI	Stefan's constant
A-19	241090401	ABHI RAJ	Bragg's diffraction with microwave
A-20	241090402	AJIT KUMAR BAIRWA	Bragg's diffraction with microwave
A-21	241090403	AKASH TIWARI	Magnetic Hysteresis using Cobra unit
A-22	241090404	ARJEET ARYAN EKKA	Magnetic Hysteresis using Cobra unit
A-23	241090405	AYAN RAJ	Electro optic effect
A-24	241090406	AYUSH RANA	Electro optic effect
A-25	241090407	JAYANTA MANDAL	Band gap of Ge using Two Probe Method
A-26	241090408	KAUSTAV MUKHOPADHYAY	Band gap of Ge using Two Probe Method
A-27	241090409	PARTHIB DUTTA	Diffraction of He-Ne laser by 2D objects
A-28	241090410	PRASHANT KUMAR	Diffraction of He-Ne laser by 2D objects
A-29	241090411	PRATAP DATTATRAY ALTE	Concave grating spectrometer
A-30	241090412	RANA SADHUKHAN	Concave grating spectrometer
A-31	241090413	SANDIP HANSDA	Faraday effect with Sodium lamp
A-32	241090414	SATISH YADAV	Faraday effect with Sodium lamp
A-33	241090415	SHUBHAM KUMAR	Hall effect
A-34	241090416	SOUGATA KAR	Hall effect
A-35	241090417	SURAJ MATWA	Characteristics of Klystron
A-36	241090418	TOUSIF AHMED	Characteristics of Klystron
A-37	241090419	VAIBHAV SONI	Beta Ray Spectroscopy
A-38	209171099	VEDANT ANIL NIMBHORKAR	Beta Ray Spectroscopy

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### Student's group distribution and allotment of first experiment

#### Group-B (WED-FRI)

S.N	Roll No.	Student Name	First Experiment
B-1	241090001	ABHAY PANDEY	Phase Transiti in BaTiO <sub>3</sub>
B-2	241090002	ADITYA MENGWAL	Phase Transiti in BaTiO <sub>4</sub>
B-3	241090004	AKSHAY KUMAR PANDEY	Planck's Constant
B-4	200223	ATTUNURU NEELADRI REDDY	Planck's Constant
B-5	241090005	ANKIT KUMAR	Temperature dependence in Hall Coefficient
B-6	241090006	ANUJ PRAKASH	Temperature dependence in Hall Coefficient
B-7	241090007	ARITRAJIT RAHA	Photoconductivity
B-8	241090020	MITHUN DAS	Photoconductivity
B-9	241090009	ARVIND YADAV*	Electron Spin Resonance
B-10	241090010	ASIF	Electron Spin Resonance
B-11	241090011	ASUTOSH MOHARANA	Gamma Ray Spectrometer
B-12	241090012	DEBKANTA BISWAS	Gamma Ray Spectrometer
B-13	241090013	HARIOM PANDEY	Michelson's Interferometer using Sodium Lamp
B-14	241090014	HARSH SWAMI	Michelson's Interferometer using Sodium Lamp
B-15	241090015	LAXMI MEENA	Concave grating spectrometer
B-16	241090016	MAHENDRA PAL SINGH CHARAN	Concave grating spectrometer
B-17	241090017	MAHESH	Faraday effect with Sodium lamp
B-18	241090018	MAHIMA	Faraday effect with Sodium lamp
B-19	241090021	MON KIRTANIA	Bragg's diffraction with microwave
B-20	241090022	MUKESH YADAV	Bragg's diffraction with microwave
B-21	241090023	NISHANT KUMAR TIWARI	Magnetic Hysteresis using Cobra unit
B-22	241090024	NISHANT TRIPATHI	Magnetic Hysteresis using Cobra unit
B-23	241090025	PIYUSH BHARDWAJ	Kerr effect
B-24	241090026	PRITHWISH DAS	Kerr effect
B-25	241090027	ROHAN JOSHI	Band gap of Ge using Four Probe Method
B-26	241090028	SAIKAT ADHIKARI	Band gap of Ge using Four Probe Method
B-27	241090029	SANDIR SOY	Diffraction of He-Ne laser by 2D objects
B-28	241090030	SEEMA	Diffraction of He-Ne laser by 2D objects
B-29	241090031	SIDHARTH THAKUR	Zeeman Effect
B-30	241090032	SONIA	Zeeman Effect
B-31	241090033	N.SUMANTH	Stefan's constant
B-32	241090034	SUMIT KUMAR	Stefan's constant
B-33	241090035	TUSHAR PAREEK	Hall Effect
B-34	241090036	VEDANT PANDHARIRAO SARNAYAK	Hall effect
B-35	241090037	VIDHI BUNKER	N.M.R
B-36	241090038	VIKRAM SINGH MEENA	N.M.R