

# Department of Physics University of Rajasthan ,Jaipur

## Registered Research Scholars in Department

S.No	Name	Super v.	Rest.No.	Date	Topic
1	Dalpat Meena	Dr.S. K. Gupta	Rs./467/11/2776	22/6/15	Detection and quantification of adulterant in spices using neutron activation analysis techniques
2	Narendra Jakhar	Dr.S. K. Gupta	RS/469/11/13405	28/02/12	Study of Electrical and magnetic properties Of Hydrogen and Neutron Induced Defects In some diluted Magnetic. Semiconductors $Z_{n1-x}M_xO$ (M=Cr, Ni, Mn And Li)
3	Poonam Rajawat	Prof.Prabha Dashora	RS/470/11/16/091	21/02/16	A study for improvement in the heat transfer rate to the load in asolar collector through novel system architecture
4	Vandana Kumari	Prof.N.S.Saxena	RS/472/11/101113	02/02/16	Thermal and electrical properties of Ge-Se-M (M=Sn, Sb) Chalcogenide glasses
5	Anusaiya Kaswan	NSS	RS/10/12/9001	16/12/15	Phase Transformation and Thermodynamics of Ge-Se-M(M=Sn,Sb) Chalcogenide Glasses
6	Shailja Choudhary	Dr.H. S. Palsania	RS/795/13/14436	12/4/14	Study of Radiation Damage of Materials Irradiated by High Energy Neutrons and Electrons
7	Shakuntla Gurjar	Prof.D.Bhatnagar	RS/800/13/3470	26/06/14	Frequency and Temperature Variation Response on the Dielectric and Relaxation Behaviour of Polymer -ceramic Ferroelectric Composites
8	Sunil Bhargava	Prof.A.K.Nagawat	RS/801/13/15097	20/02/14	Phenomenological Study of CP ViolationSignatures inPhysics Beyond Standard Model (BSM)
9	Naresh Chejara	Dr.S. K. Gupta	RS/633/13/14082	07/02/14	Study of Neutron Induced Radiation Damage in ADS Related Materials Using Positron Annihilation
10	Neelam Choudhary	Dr.J. S. Saini	RS/794/13/1447	18/10/16	Study of Planer and Non-planer Broadband PrintedCircuit Antennas for Wireless Communication Systems
11	Sarita Kumari	Prof.D.Bhatnagar	RS/793/13/14718	17/02/14	Frequency Response and effect of Temperature on the Dielectric and Relaxation Behaviour of Nitrogen Containing Heterocyclic Compounds

12	Seema Gupta	Prof.KananbalaSharma	RS/796/13/15553	26/02/14	Study of Mechanical and Thermal Transport Properties of Elastometric Blends (NR/NBR & NR/CR) and Their Composites with Metallic Nano Fillers
13	Ms. Priya Jadoun	Prof.D.Bhatnagar	RS/393/14/8482	13/12/14	Study of Dielectric and Magnetic Behavior of Substituted NanocrystallineCobalt Ferrites and Some Multiferroics
14	Rajesh Kumar Sharma	Prof.D.Bhatnagar	RS/392/14/8475	13/12/14	Design & Analysis of Broad Band Circularly Polarized Planar Structures for Space and Wireless Applications
15	Ajeet Sing Chaudhary	Prof.A.K.Nagawat	RS/23/16/8988	02/07/16	Evolution of galaxies and the intergalactic medium at high redshift range $z=6-8$ .
16	Anju Yadav	Prof.A.K.Nagawat	RS/22/16/10052	17/08/16	The Study of CP Violation in Leptonic Sector Beyond the Standard Model in Search of Signature o New Physics
17	Dev Lal	Dr.H. S. Palsania	RS/27/16/1206	11/10/16	Study of Neutron Induced Radiation Damage in ADS Related Materials Using Positron Annihilation
18	Dinesh Kumar Yadav	Prof.A.K.Nagawat	RS/29/16/10042	17/08/16	Study of Leptonic Flavor Violation in Search ofPhysics Beyond The Standard Model
19	Gyan Prakash Sharma	Dr.Ramvir Singh	RS/24/16/1236	11/10/16	Heat conduction through composite materialscontaining metal/metal oxide particles
20	Hemant Kumar	Dr.Manjej Singh	RS/21/16/9092	06/07/16	Preparation and Characterization of CdTe based thin Film solar cells
21	Pawan Kumar Jain	Prof.D.Bhatnagar	RS/18/16/2236	08/07/17	Design and Analysis of Planar Circularly Polarized Broadband Microstrip for Modern Wireless CommunicationSystems

22	Ramchandra Yogi	Prof.A.K.Nagawat	RS/28/16/10015	17/08/16	CP Violation and New Physics Signatures in Quark Sector
23	Vinita Mirdha	Prof.D.Bhatnagar	RS/20/16/9900-01	11/08/16	Design and Analysis of Circularly Polarized Planar Antennas with Improved Gain for space Applications
24	Umesh Chejara	K.V.R.RAO	RS/19/16/8005	28/05/16	Synthesis and Characterization of Metamaterials for Application of Planar Antennas
25	Sandip Bhattacharya	Dr.Aruna Bharti	RS/1000/09/15121	21/03/14	A Mathematical Modelling Study of the Role and Grain, Structure of Cosmic Dust Particles
26	Subhash Chandra	Prof.Y.K.Vijay	RS/471/11/6122	06/08/15	"Depth profile characterization of porous Materials using Positron annihilation Spectroscopy"

Head of the Dept.