



RPS DEGREE COLLEGE

Under the aegis of RPS Education Society, M/Garh



*Where
Dreams
come True*

TWO DAYS NATIONAL WORKSHOP *on* DESIGN & EXPERIMENTAL DEMONSTRATION of ELECTRONICS CIRCUITS

A LAB BASED EXPERIMENTAL PHYSICS WORKSHOP

27-28 February, 2025

REGISTER NOW



SCAN FOR REGISTRATION

organized by:

BOSE SOCIETY, DEPARTMENT OF PHYSICS

RAO PAHLAD SINGH DEGREE COLLEGE, MAHENDERGARH

in association with

IQAC, RPSDC

Resource Persons



Dr. Muralidhar Nayak B
Asst. Prof., Electrical Engg, CUH



Mr. Suraj Kumar
Asst. Prof., Physics, GC Ateli

Organizing Committee

Chief Patrons



Dr. Pavitra Rao
Chairperson, RPS GOI



Er. Manish Rao
CEO, RPS GOI

Patrons



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Director, RPS GOI



Dr. Devender Singh
Registrar, RPS GOI

Workshop Director



Dr. Davender Singh
Principal, RPSDC



Dr. Hemant Kumar
Dean Academic, RPSDC

Coordinator

Convener



Ms. Archana Sahoo
HOD, Physics, RPSDC

Co-Convener



Dr. Kavita Chauhan
Asst. Prof. Physics, RPSDC

Organizing Secretary



Mr. Sachin Sura
Asst. Prof. Physics, RPSDC

Organizing Members

- Dr. Jitendra Kumar, Deptt. of Physics
- Dr. Jitendra Gangwar, Deptt. of Physics
- Dr. Jyoti Yadav, Deptt. of Physics
- Mr. Praveen Kumar, Deptt. of Physics
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ABOUT RPSDC

RPS Degree College, under the aegis of RPS Education Society, is a premier Institution of the state of Haryana, affiliated to Indira Gandhi University, Meerpur, Rewari. It has been established in lush green campus in the foothills of Arawali Range on Delhi-Bikaner State Highway No. 24 at Village Balana, Mahendergarh, Haryana, India. Since its inception in 2012, it has been on the path of accelerated growth in academic programmes and associated infrastructure, co- curricular and extra-curricular activities. The college offers a diverse range of programs, including B.A., B.Sc. (Pass Course), B.Sc. Honors (Physics, Chemistry, Mathematics, Zoology & Botany), B. Com, M.Sc. (Physics, Mathematics, Chemistry, Botany, Zoology, Geography), and M.Com. The management and faculty work with utmost dedication to produce men and women of competence and caliber who would power the overall growth of country and provide acceptable solutions to our socio-economic problems. RPS believes in the maxim "Success is a journey and not a destination".

IQAC, RPSDC

IQAC, RPSDC -The Internal Quality Assurance Cell of RPSDC was formed with the vision to channelize the efforts and measures of the Institution towards academic excellence and progress. Envisioned as an embedded function of the College, the IQAC harnesses synergies from all its constituent units viz. the stakeholders of the college. As a part of its mandate of developing an all-encompassing quality culture in the college, the IQAC congregates the institutional effort for quality.



About The Department of Physics, RPSDC

The Physics Department at the Rao Pahlad Singh Degree College is committed to providing all of our undergraduate and postgraduate students the opportunity to realize their maximum potential as a physicist.

In order to cater to the queries and expectations of the students, the department has well-equipped laboratories dedicated for physics, electronics and computer-based experiments. The course prepares students with a broad foundation in fundamental principles of Mathematics, Science, and Electronics, and the ability to apply this knowledge to understand the design, analysis, and implementation of real-life complex systems. Students build on their strong foundation by engaging in experiential learning co-related to classroom teaching.

The personal attention we offer to each student, including a network of academic advisors and our open-door policy, through which all academics can be approached in an informal way, underlines our commitment to help each and every student to succeed in their studies and enjoy their time in our Department. We work closely with our student-led Physics Society: Bose Society to continuously enhance the overall student experience.

About The Workshop

The "Design and Experimental Demonstration of Electronic Circuits" workshop aims to provide participants with a hands-on learning experience in designing, analysing, and testing electronic circuits. This workshop is designed for students and professionals who want to enhance their understanding of fundamental and advanced circuit design concepts. Throughout the workshop, participants will explore various electronic components, circuit theories, and simulation techniques. The sessions will include expert talks, hands-on experiments, enabling attendees to bridge the gap between theoretical knowledge and real-world applications. By the end of the workshop, participants will gain valuable skills in circuit design, testing methodologies, and debugging, preparing them for academic projects, industry applications, or personal innovations in electronics.

Target Audience:

This workshop is suitable for UG and PG students of Physics, engineering. No prior experience is required.

Registration Process: Registrations for the workshop are open through the provided link.

There is no fee for participation, making it accessible to all interested individuals.

Registration Link: https://docs.google.com/forms/d/1o-VFqmJiBhaLzfNw9UfwUCUBI6qFPZQ9t4vBzMICjU/viewform?pli=1&pli=1&edit_requested=true

Days	Events	Timings	Venue
Day-1 (27/02/2025)	Inaugural Function	10:00 am - 10:30 am	Seminar Hall 2 PG Block RPSDC
	I Mr. Suraj Kumar	10:30 am - 11:30 am	
	II Dr. Murlidhar Nayak B	11:30 am - 12:30 pm	
	Lunch Break : 12:30 pm - 01:30 pm		
	Hands-on-Session	01:30 PM-04:00 PM	Lab No. 310, 311 UG Block, RPSDC
Day-2 (28/02/2025)	I	Venue at CSIR-CEERI Pilani	