

REPORT ON

WORLD KIDNEY DAY- 2026

In observance of **World Kidney Day**, the Pharmacology Club of the School of Pharmacy, NNRG, organized a specialized guest lecture dedicated to educating final-year pharmacy students on kidney health, renal disorders, and the vital role of pharmacists in renal care. The event aimed to bridge the gap between academic pharmacology and clinical practice.

Key aspects of this event include

- To raise awareness about the increasing global burden of chronic kidney diseases (CKD).
- To understand the pharmacological management and recent advancements in treating renal disorders.
- To emphasize preventative care strategies and lifestyle modifications that safeguard kidney health.

The main technical session was delivered by **Mrs. T. Sunanda**, Assistant Professor from the Department of Pharmacology. Using highly informative presentations and clinical case examples, she covered several critical areas:

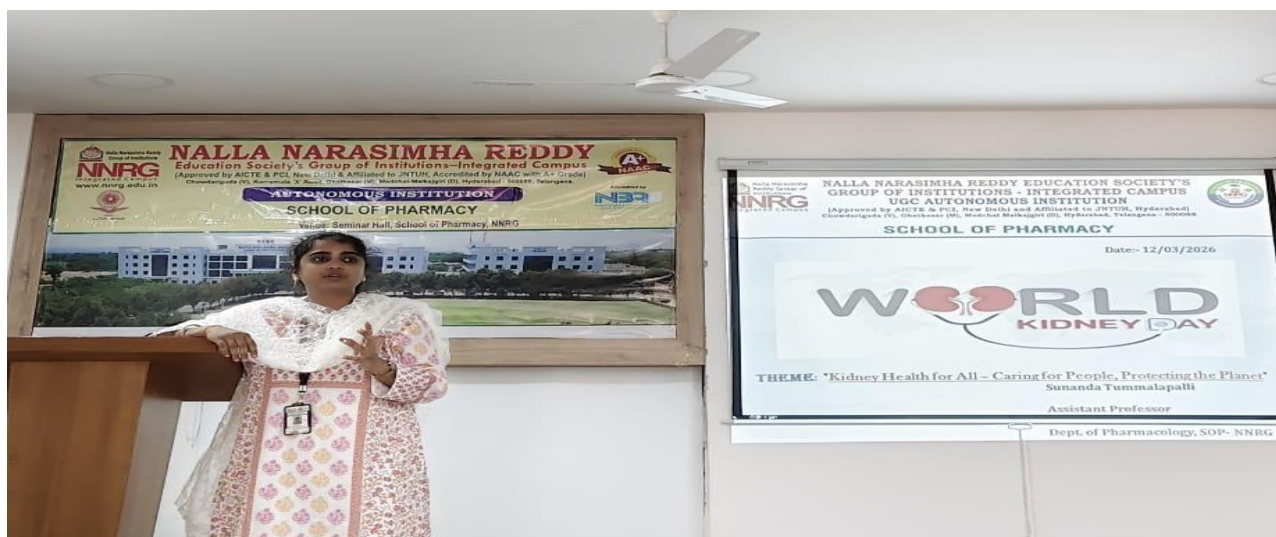
- **Epidemiology & Pathophysiology:** An overview of how diabetes and hypertension act as primary catalysts for chronic kidney disease.
- **Pharmacology of Renal Therapeutics:** A deep dive into the mechanisms of action, therapeutic uses, and contraindications of drugs acting on the renal system (diuretics, ACE inhibitors, ARBs, and novel therapeutic agents).
- **Renal Drug Dosing & Toxicity:** Essential insights into how drug dosages must be adjusted based on Glomerular Filtration Rate (GFR) to prevent nephrotoxicity in clinical settings.
- **The Pharmacist's Role:** Educating patients on medication adherence, avoiding over-the-counter NSAIDs (which harm kidney function), and promoting early screening.

The lecture was followed by an interactive Q&A session where final-year students actively engaged with the speaker. Queries regarding drug-induced nephrotoxicity, career paths in clinical research, and advanced Pharmacovigilance related to renal drugs were expertly clarified by Mrs. T. Sunanda.

Conclusion:

The event concluded with a vote of thanks delivered by a representative of the Pharmacology Club, expressing gratitude to the management of NNRG and the speaker for her invaluable insights, and the final-year students for their enthusiastic participation. The speaker was honored with a token of appreciation by the senior faculty members.






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