

S.K.R GOVERNMENT DEGREE COLLEGE

Gudur, Tirupathi

Department of Chemistry

NATIONAL PERIODIC TABLE DAY

On February 7th, National Periodic Table Day recognizes the publication of the first table of elements. We also look at how the periodic table has changed through the years.

The periodic table has a long history. It and the discovery of elements impacted science in many ways. Ancient man only knew of a few elements. However, by the 1st century A.D., mankind knew about the elements of gold, silver, copper, iron, lead, tin, mercury, sulfur, and carbon. Over time, we added arsenic, antimony, phosphorus, and zinc to our discoveries. By 1809, there were 47 discovered elements. It was time to organize, and Johann Döbereiner made one of the earliest attempts to do that. He organized the elements in 1817 into groups of three, or triads, based on similar qualities.

On February 7, 1863, English chemist John Newlands published one of the first table of elements. Newlands divided the known 56 elements into 11 groups based on the “Law of Octaves.” His table suggested that anyone element will have similar properties to elements eight places before and behind it on the table.

The chemistry Department of the college has conducted the National day on 7-02-2022 the faculty and students attended the program. The lecturers has explained the significance of the day, The students of MZC has participated in the program.

