

**SGK GOVERNMENT DEGREE COLLEGE
VINUKONDA, PALNADU DISTRICT**



HEROSHIMA & NAGASAKI DAY

DATE: 09.08.2024

TIME: 12.00 – 01.30 PM

CONDUCTED BY

**DEPARTMENT OF
PHYSICS
&
CHEMISTRY**

Activity Report

S. No.	Content	Name
1	Name of the Programme	HEROSHIMA & NAGASAKI DAY
2	Date & Time	09.08.2024 & 12.00 – 01.30 PM
3	Conducted by	DEPARTMENT OF PHYSICS & CHEMISTRY
4	No. of Students attended	80
5	Chief Guest	Dr. K.SRINIVASARAO
6	Key note speaker	Dr. K.V.S KOTESWARA RAO
7	Convener	SRI B.NAGESWARA RAO

OBJECTIVE:

- Remember the victims: Honor the thousands of people who died in the bombing and its aftermath
- Educate Students: Teach about the horrors of nuclear warfare, the historical context of World War II, and the long-term effects of radiation
- Raise awareness: Foster awareness of the threat posed by nuclear armaments

BRIEF REPORT: Dept of Physics and Chemistry jointly observed The Hiroshima & Nagasaki day on 09-08-2024 at 12.00 PM in the seminar hall under the chairmanship of Principal, Dr.K.Srinivasarao. Keynote speaker of the programme Dr.K.V.S Koteswararao, IQAC Coordinator, Sri B. Nageswararao, Lecturer in Physics & Sri V. Bala yesu lecturer in Chemistry, other staff and students attended the program.

CHIEF GUEST: The principal started the programme with his opening remarks with a brief introduction about World War II and the devastation of nuclear weapons in Japan. He Explain how nuclear weapons changed the situation in Japan before and after World War II and also Emphasize the importance of global peace and the elimination of nuclear weapons.

GIST OF THE PROGRAMME: The United States detonated two atomic bombs "Little Boy", an enriched uranium gun-type fission weapon and "Fat Man", a plutonium implosion-type nuclear weapon over the Japanese cities of Hiroshima and Nagasaki on 6 and 9 August 1945, respectively. The two bombings killed between 129,000 and 226,000 people, most of who were civilians, and remain the only use of nuclear weapons in armed conflict. In the final year of World War II, the Allies prepared for a costly invasion of the Japanese mainland. This undertaking was preceded by a conventional and firebombing campaign that devastated 64 Japanese cities. The war in the European theatre concluded when Germany surrendered on 8 May 1945, and the Allies turned their full attention to the Pacific War. By July 1945, the Allies' Manhattan Project had produced these two types of atomic bombs.

Keynote speaker, Dr. K.V.S. Koteswara Rao elaborately explained the process of nuclear fusion and fission process and how a large amount of energy is released by the process of nuclear chain reaction. Sri B. NageswaraRao, Lecturer in Charge, Dept of Physics, checked out the reasons why America dropped the atomic bombs on Japan and the dangers of using nuclear power for destruction rather than public needs. He also mentioned formation of Manhattan Project and history behind the formation of two atomic bombs. Other Faculty members expressed their views on the event. Sri V.Bala yesu lecturer in chemistry who

summarize the program and express vote of thanks for all the participated members and students. 80 students from the science sections attended the programme and understand the Principle involved in the Atomic bombs and mortality due to misusing of nuclear weapons. Feed back is taken from the students.

PHOTOGRAPHS



