

REPORT FORMAT OF THE STATUTORY DAY FOR PUBLICATION IN WEBSITE /IEI NEWS

Name of Centre / Overseas Chapter:	Uttar Pradesh State Centre		
Title of Activity:	Engineers' Day 2023		
Theme	"Engineering a Resilient Future: Strong, Smart, Safe Construction"		
Date:	September 15, 2023	Venue:	Engineers' Bhawan, IEI, UP State Centre, Lucknow



Chief Guest inaugurating the event



Presentation of Bouquet to the Chief Guest

The Institution of Engineers (India), UP State Centre organized the **'Engineers' Day'** on September 15, 2023, the 163rd Birth Anniversary of the country's greatest engineer Bharat Ratna Sir Mokshagundam Visvesvaraya at the Engineers' Bhawan, River Bank Colony, Lucknow. On this occasion, Shri Rakesh Sachan, State Micro, Small and Medium Industries Minister was the Chief Guest. He inaugurated the program and said that with their expertise, our engineers are making successful efforts to bring the country to the forefront of developed countries by building towers that can withstand fierce storms, skyscrapers, huge bridges, jet trains and roads that pave the way for safe travel. In this dynamic era, engineers stand at the forefront of progress and are building a future that is well, strong and steadfast. He paid his tribute by garlanding the portrait of Sir Visvesvaraya.

Special guest, Vice Chancellor of Babasaheb Bhimrao Ambedkar Central University, Prof. Sanjay Singh said that engineers have an important contribution in the development of the country, which cannot be appreciated enough. Today there is a need that engineers should use the latest technology to complete high quality work at low cost and within the stipulated time. He should strive tirelessly to develop innovative techniques to build structures that stand the test of time.

Shri Masarrat Noor Khan, Chairman, IEI, UP State Centre, Lucknow said that the main objective of celebrating the birthday of the nations' greatest engineer Bharat Ratna Sir Mokshagundam Visvesvaraya on 15th September as Engineers' Day is to encourage all the engineers of the country to bring excellence in engineering works. On this occasion, we take an oath to make the engineering field excellent. The overarching theme for discussion this year has been chosen as **"Engineering a Resilient Future: Strong, Smart, Safe Construction"**. He has made an important contribution in the industrialization of the country, for which he was honored with Bharat Ratna, the countries' highest civilian award, by the Government of India in the year 1955.

On this occasion, Shri Shyam Krishna Pandey, Senior Scientist of ISRO and the Keynote Speaker presented his views on the topic **"Engineering a Resilient Future: Strong, Smart, Safe Construction"**. He said that the need of the hour is to be flexible i.e. to maintain a dependable and reliable performance by assimilating changes through technology in adverse circumstances. Through this we can ensure protection from many disastrous situations. Various efforts taken in this regard have been giving proper results in the progress of the country and its benefits are reaching the common citizens. He stressed that in today's world, space has become a very important topic and India is one of the few countries which have advanced space technology. The recent successful landing of Chandrayaan-3 and important scientific work by the lander-rover have made our country proud. In this achievement, India is the first nation in the world, which has been able to land near the south pole of the Moon. After the successful launch of Aditya-L-1 and its long journey of 4 months, we are expected to get much important information through scientific study of the Sun from L-1 location. India has developed its own regional navigation system "NAVIC" which is proving to be revolutionary for navigation technology location based services. Today satellite communications, navigation, remote sensing, scientific missions, space vehicles and far space programs of our country aim to provide the right solutions to the Indian society in all walks of life. Be it meteorology, agriculture, forestry, fisheries, integrated natural resources, urban development, mountains, glaciers, study of water bodies, oceans, precise navigation or development planning, exploration and study of earth's resources etc., space technology is important for all the fields, providing solutions and data. Satellite communication has expanded applications such as telemedicine, tele-education, village resource centers to reach people and provide space technology benefits to all. India's space programs provide us direction for the development of resilient systems in other areas as well. Today, ISRO's development journey is clearly showing us the path of successful human space missions and exploration of other distant planets in the future.

Along with a light music/cultural programme, a free eye check-up camp was also organized on the occasion of Engineer's Day. More than 250 engineers from various departments participated in the program. In the end, Dr. Jaswant Singh, Honorary Secretary, IEI, UP State Centre expressed his gratitude to all the guests.