

54th Engineer's Day was celebrated by AICRP on Irrigation on Water Management, Soil and Water Engineering Department, College of Agricultural Engineering & Technology, JAU, Junagadh on 15th September, 2021

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54th Engineer's Day-2021 was celebrated on theme of **"Engineers for Skill Development & Employment in combating COVID"** for India and **"Engineering for A Healthy Planet"** for World by AICRP on Irrigation on Water Management, Soil and Water Engineering Department, College of Agricultural Engineering & Technology, JAU, Junagadh on 15th September, 2021.

At the first outset, Dr. H D Rank, Chief Scientist, AICRP on Irrigation on Water Management and Professor & Head, Soil and Water Engineering Department, College of Agricultural Engineering & Technology, JAU, Junagadh welcomed the dignitaries, faculties and UG/PG students.

Dr. N K Gontia, Principal & Dean, College of Agricultural Engineering & Technology, JAU, Junagadh gave details on history of Engineers Day celebration in India and world. He also explained the various themes of Engineers Day celebration in India since 1968. He also briefed on theme of Engineering Day-2021 in India and world. He praised the great engineering works and achievements made by Mokshagundam Visvesvaraya Sir during his life span of 101 years. He appealed the students to walk on the path of M V Sir. He motivated the students and young faculties to think a big, keep a higher goal and build confidence for engineering the every walks of common people of India.

Dr. H D Rank delivered the lecture on **"ENGINEERING THE AGRICULTURE FOR THE FUTURE INDIA"**. He presented the issues, status and possible solutions for the agriculture in India.

He discussed the following issues of agriculture in India.

- Small Land Holdings
- Low of level of mechanization adoptions

- Farming : Considered as lower social status
- Labor shortage
- Young generation : Declination from agriculture
- Rainfall distribution : Poor in space and time
- Scanty and uneven distribution of water resources
- Deteriorating quality of groundwater
- Lack of recycling use of water
- Marketing – low income from farming
- Higher energy cost

He also suggested the work plans, outcomes and policy suggestions in the following focused areas of Agricultural Engineering for engineering the agriculture for the future India.

- Soil conservation
- Water harvesting and groundwater recharge
- Irrigation water management
- Controlling seawater intrusion
- Farm mechanization
- Post-harvest management
- Value addition
- Storage and marketing chains
- Energy generation from agricultural wastes
- Enhancing renewable energy sources
- Recycling of water

At the ends, the vote of thanks was given by Prof. P B Vekariya, Asstt. Prof., AICRP on IWM, SWE, CAET, JAU, Junagadh.

The few clicks during the celebrations of the Engineers' day-2021 on theme of “**Engineers for Skill Development & Employment in combating COVID**” can be viewed as below.







