

DR. JIVRAJ MEHTA INSTITUTE OF TECHNOLOGY, MOGAR

CIVIL ENGINEERING DEPARTMENT

EXPERT LECTURE REPORT

An expert lecture arranged for 3rd, 5th, & 7th semester students of civil department, DJMIT on 05th September, 2019. The theme of lecture was “**IMPORTANCE OF DISTRIBUTION WORKS IN IRRIGATION ENGINEERING**” which was delivered by Dr. Harshad Vithalbhai Patel is presently Associate Professor at Birla Vishvakarma Mahavidyalaya Vallabh Vidyanagar. He has done his M.E. in Water Resources at IIT Bombay in 1998. He has done his PhD in 2014 at Sardar patel university, Anand.

The session starts with the welcome speech of Prof. Shailesh Pal and HOD civil Prof. Hiren Talati has welcome to Dr. H. V. Patel by Memento. Total 60 nos. of students have attended this session.

The session started by the expert regarding scope & opportunity of civil engineering. He has discussed Distribution works: Modes of conveying irrigation water- Types of irrigation canals contour canal, ridge canal, side sloping canals, Canal sections-filling, cutting, partial cutting and partial filling, Balanced depth, Canal FSL, Capacity factor and Time factor, L-section, Losses of canal water, Silting and scouring of canals, Method of design of unlined section of irrigation canal, Silt theories, Lined canals, Design of lined canal, Link canals.

The session end with the discussion & query solution of students about the recent scope in civil jobs, scope in Irrigation Engineering.

**Prepared by,
Assistant Professor
Hiren Talati
Civil Department
DJMIT.**

EXPERT LECTURE REPORT ON DATED 05 09 2019



HOD civil Asst. Prof. Hiren Talati has welcome to Dr. H. V. Patel sir by Memento



An Expert Discussed Importance Of Distribution Works In Irrigation Engineering



An Expert Discussed about ridge canal, side sloping canals, Canal sections-filling.



An Expert Discussed Balanced depth, Canal FSL, Capacity factor and Time factor.



Discussion & query solution of students

Prepared by
Assistant Professor
Hiren Talati
Civil Department
DJMIT.