



VISHWAKARMA GOVERNMENT ENGINEERING COLLEGE, CHANDKHEDA

Brief Report on Expert sessions on “Application of Catalysis” held under IEI Student Chapter(C Chemical Enggineering)

Name of Department/Organizer	:	Chemical Engineering Department and IEI Student Chapter
Date & Time	:	08/07/2019 & 10:30 am to 12:30pm
Venue	:	A - Block Vishweshvariya Auditorium
No of Participants	:	82 Students of Third Year and Final Year Chemical Engineering

- **Objective of the Event**

Chemical Engineering Department has organized an expert session on “Application of Catalysis” on 8 July, 2019. Key objective of this session is to make students aware about the latest development about various applications of catalysis in chemical processes and chemical reaction engineering.

- **Outcome of the Event**

This expert session is executed under The Institution of Engineers (India)-IEI, Chemical Engineering Student Chapter of VGEC. External expert Prof. (Dr.) S. S. Patel, Chemical Engineering Department, Nirma University- Ahmedabad had delivered an expert lecture on “Application of Catalysis” during this session. He discussed about various methods for synthesis and characterization of catalysts, advancements in catalysts and its specific applications in chemical processes and chemical reaction engineering. Dr. Patel shared his knowledge related to role of mass transfer and heat transfer resistances for catalytic chemical reaction and reaction mechanism developments. He also explained role of different process variables and intrinsic variables in selection of proper reactor and reactor design for catalytic processes.

The session was planned by Dr. F. J. Patel, Professor and Head, Chemical Engineering Department and it was coordinated by Prof. S. R. Patel and Prof. U. P. Christian, Assistant Professor in chemical Engineering Department.

The session was quite interactive. All participants appreciated this session and will certainly be benefited from it.

- Event Photographs





