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|----|----------------|----------------------------------|-------|------------------------------|
| 8. | Dr. Ajay Sujan | AI and ML for Chemical Engineers | MMMUT | 24 Mar 2024<br>to 3 Apr 2024 |
|----|----------------|----------------------------------|-------|------------------------------|

#### Invited Lectures/Talks (organized): 10

| S.N | Name and Address of Resource Person                                            | Topic                                                  | Date        |
|-----|--------------------------------------------------------------------------------|--------------------------------------------------------|-------------|
| 1.  | Er. Nikhil Awasthi<br>KFCL Shajahnpur U.P.                                     | Ammonia plant in the Fertilizer Industry.              | 28 Sep 2024 |
| 2.  | Er. Gajendra Patil<br>OPS Manager, Shell Ltd                                   | Understand Process Control Domain                      | 5 Oct 2024  |
| 3.  | Chandrakesh Singh, BIS Lucknow                                                 | Ceramic Raw Materials BIS Standards                    | 23 Oct 2024 |
| 4.  | Dr. Vimal Chandra Srivastava, IIT Roorkee                                      | Sustainable Energy Sources                             | 15 Nov 2024 |
| 5.  | Dr. Vinod K. Shahi<br>Chief Scientist (Retd) CSIR-CCSMRI, Bhavnagar            | PEM Electrolysers in Hydrogen Production               | 1 Dec 2024  |
| 6.  | Er. Shantanu Patil<br>General Manager, UHP Technologies Pvt Ltd                | Role of Chemical Engineers in Semiconductor Industries | 1 Dec 2024  |
| 7.  | Dr. Vinod Kumar Shahi                                                          | PEM Electrolysers in Hydrogen Production               | 1.12.2025   |
| 8.  | Mr. Shantanu Patel                                                             | Role of chemical engineers in semiconductor Industries | 1.12.2025   |
| 9.  | Dr. Vinod kumar Yadav, Mr. Hari Babu Pal, Dr. Vimal Rai                        | Safety Aspects in Chemical process Industries          | 11.04.2025  |
| 10. | Dr. Avijit Ghosh, Er. Satwik Singh, Er. Akshay Srivastav<br>Er. Navneet Mishra | IICHe Student Chapter_AGM                              | 23.04.2025  |

#### Conference/Seminar/Workshop/Training/FDP (organized):07

| S. N. | Name of Faculty                            | Title                                                                                                                                       | Duration       |
|-------|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 1.    | Dr. Vitthal L. Gole                        | AI/ML for Chemical Engineers                                                                                                                | 28 Dec 2024    |
| 2.    | Dr. Ravi Shankar                           | International Conference on Frontiers in Desalination, Energy, Environment and Material Sciences for Sustainable Development (FEEMSSD-2025) | 27-28 Feb 2025 |
| 3     | Dr. Ravi Shankar, Dr. Jitendra Kumar Singh | Workshop on safety in chemical process industries                                                                                           | 11 Apr 2025    |
| 4.    | Dr Prateek Khare                           | One-week short term training program on "Simulation of Distillation Column"                                                                 | 3-7 Nov 2022   |
| 5.    | Dr. Vitthal L. Gole                        | One-week STTP "Chemical Engineering Application of MATLAB"                                                                                  | 23-26 Sep 2024 |
| 6.    | Dr. Vitthal L. Gole                        | One Week workshop on 'Soft skills for chemical engineering based on AI tools'                                                               | 21-23 Oct 2024 |
| 7.    | Dr. Jyoti                                  | Workshop on University Foundation Day                                                                                                       | 1 Dec 2024     |

#### Conference/Seminar/Workshop/Training/FDP (attended): 19

| S.N. | Title                                                                               | Name of Faculty          | Venue            | Duration         |
|------|-------------------------------------------------------------------------------------|--------------------------|------------------|------------------|
| 1.   | How to Efficiently Design Biodiesel Production                                      | Dr. Ajay Sujan           | CHEMCAD (Online) | 19 March 2025    |
| 2.   | Faculty Induction Programme                                                         | Dr. Ajay Sujan           | MMMUT            | 07 -27April 2025 |
| 3.   | Faculty Induction Programme                                                         | Dr. Jitendra Kumar Singh | MMMUT            | 07 -27April 2025 |
| 4.   | Petroleum Production-Operational Challenges and its Mitigation                      | Dr. Vitthal L. Gole      | MMMUT            | 27-28 Feb 2025   |
| 5.   | Desalination, Energy, Environment and Material Sciences for Sustainable Development | Dr. Prateek Khare        | MMMUT            | 27-28 Feb 2025   |