



डॉ बी आर अम्बेडकर नेशनल इंस्टीट्यूट ऑफ टेक्नोलॉजी, जालंधर
Dr. B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY,
JALANDHAR

Department of Chemical Engineering

Short Term Courses Organized

Sr. No.	Name of the Coordinator	STC/FDP	Date(s) of event	Self-sponsored /TEQIP/ Institute fund
1.	Dr Raman Bedi Dr Anjireddy Bhavnam Dr S Sathiya	5-Days Hands on Workshop and Training on ICPMS, FESEM, EDS and EBSD Analysis	September 12-16, 22	Self -sponsored
2.	Dr Raman Bedi Dr Anjireddy Bhavnam Dr S Sathiya	3-Days Hands on Workshop on α -Field Emission-Scanning Electron Microscopy with EDS and EBSD Analysis	May 25-27, 2022	Self -sponsored
3.	Dr Anurag Kumar Tiwari, Dr M K Jha	One Week Online Short Term Course on "Energy Application in Computer, Communication, Chemical and Electronic Engineering" organized with ABV Government Institute of Engineering and Technology Pragatinagar, Shimla	February 27 – March 03, 2021	Self -sponsored
4.	Dr. Raj Kumar Arya, Dr Anurag Kumar Tiwari, Dr Sangeeta Garg	International STC "Current and Future Scope of Surface Coatings"	December 2 to 6, 2020	Self-sponsored
5.	Dr. M K Jha , Dr. Nitin Naresh Pandhare, Dr Sangeeta Garg	One week short term course on Modern Practices in Hydrocarbon Engineering	27 Nov to 1 Dec 2020	TEQIP-III
6.	Dr. Raj Kumar Arya, Dr Sangeeta Garg, Dr Anurag	National STC "Computational Methods and Analysis for Engineers"	November 18 to 22, 2020	TEQIP-III
7.	Dr Ajay Bansal, Dr Renu Gupta, Dr Poonam Gera, Dr M Jha	One week online Short Term Course on Advances in Chemical, Biochemical and allied Industries (ACBAI-2020)	November 05-09, 2020	TEQIP-III
8.	Dr Anurag Kumar Tiwari	One Week Online Short Term	October 24 -	TEQIP-III

		Course on "Computational Methods in Engineering Science" organized with Department of Mathematics, Govt. Women Engineering College, Ajmer	28, 2020	
9.	Dr. Raj Kumar Arya, Dr. Amit Dhruv Saran, Dr Sangeeta Garg	National STC "Current Industrial Practices in Chemical Engineering"	October 7 to 11, 2020	TEQIP-III
10	Dr Anurag Kumar Tiwari, Dr Sangeeta Garg and Dr M K Jha	One Week Online Short Term Course on "Mathematical Modeling of Complex fluids"	September 24 - 28, 2020	TEQIP-III
11	Dr. Deepak Sahu	One week short term course on Process Modeling, Simulation, Control and Optimization (PMSCO-2020)	September 16- 20, 2020	TEQIP-III
12	Dr. Anjireddy Bhavanam, Dr Sangeeta Garg and Dr. Nitin Naresh Pandhare	One week short term course on Valorization of lignocellulosic biomass towards sustainable fuels, chemicals and materials	18-22 Sep 2020	TEQIP-III
13	Dr. J.K. Ratan	Short term course on Happiness & Yoga in engineering Practice	22-26 June, 2020	NIT Jalandhar
14	Dr. Anjireddy Bhavanam, Dr Sangeeta Garg and Dr. Nitin Naresh Pandhare	One week short term course on Emerging Technologies for Next-generation Bio-fuels and Bio-products	21-25 Feb 2020	TEQIP-III
15	Dr. Deepak Sahu, Dr Sangeeta Garg and Dr. J K Ratan	One week short term course on Catalysis	August 10-14, 2019	TEQIP-III

International/ National Conferences organized

S. No.	Name of the Coordinator	International/National Conferences	Date(s) of event	Self-sponsored /TEQIP/ Institute fund
1.	Dr N Basak, Dr Renu Gupta, Dr Sumer Singh, Dr Annee Mohanty, Dr G N Nikhil, Dr Anjireddy Bhavnam	International Conference on "Recent Advances" in Biotechnology (icRAB-22)	December 02-04, 2022	Science Technology & Innovation Hub and Department of Chemical and Bio Technology
2.	Dr Renu Gupta, Dr J K Ratan, Dr Nitin Pandhare, Dr Anjireddy Bhavnam, Dr Deepak Sahu	International Conference on "Chemical, Bio & Environmental Engineering" (CHEMBIOEN 2022)	November 04-05, 2022	Self-sponsored in collaboration with B V Raju Institute of Technology, Telangana
3.	Dr. Raj Kumar Arya, Dr Anurag Kumar Tiwari, Dr Renu Gupta	International Chemical Engineering Conference 2021	September 17-19, 2021	Self-sponsored
4.	Dr. Deepak Sahu, Dr. J K Ratan, Dr. Anjireddy Bhavanam, Dr Nitin Naresh Pandhare, Dr Sangeeta Garg, Dr Renu Gupta	International Conference on "Chemical, Bio & Environmental Engineering" (CHEMBIOEN 2020)	August 22-24, 2021	Self-sponsored
5.	Dr Deepak Sahu, Dr Nitin Naresh	2nd Congress on Advances in Mechanical and Systems Engineering	July 17-19, 2021	Self-sponsored
6.	Dr Anurag Tiwari and Dr S Bajpai	International Conference on Recent Development on Materials, Reliability, Safety and Environment Issues (IMRSE-2021)	25-27, June, 2021	TEQIP III
7.	Dr Ajay Bansal, Dr Renu Gupta, Dr Poonam Gera, Dr M K Jha and Dr Shashkant Yadav	National Conference on "Sustainable research on Energy and Environment (SREE 2021)" at Dr B. R. Ambedkar National Institute of Technology, Jalandhar, India	January 15-16, 2021	TEQIP III
8.	Dr. Deepak Sahu, Dr. J K Ratan, Dr. Sangeeta Garg and Dr. Anjireddy	International Conference on "Chemical, Bio & Environmental	February 13-14, 2020	TEQIP-III

	Bhavanam	Engineering" (CHEMBIOEN 2020)		
9.	Dr Neetu Divya, Dr Ajay Bansal & Dr J K Ratan	2nd National Conference on "Advances in Chemical & Environmental Engineering (ACEE 2019)" at Dr B. R. Ambedkar National Institute of Technology, Jalandhar, India	March 23-24, 2019	TEQIP-III
10	M K Jha, Dr Ajay Bansal, Dr S Bajpai	International Conference on Seamless Chemical Engineering in Service of Humanities Innovations, Opportunities & Challenges (Chemcon 2018)	December 27-30, 2018	IICChE
11	Dr M K Jha, Dr Sangeeta Garg and Dr S Bajpai	National Conference "Advances in Chemical Science & Technology" (ACST -2018	April 27 - 28, 2018	TEQIP-II

Webinars organized

S. No.	Name of the Coordinator	Webinar	Date(s) of event	Self-sponsored /TEQIP/ Institute fund
1.	Dr Anurag Kumar Tiwari, Dr Sangeeta Garg and Dr M K Jha	Webinar on "Bioenergy: Transition and Technologies",	03 July 2020	TEQIP-III
2.	Dr. Deepak Sahu, Dr Sangeeta Garg and Dr. J K Ratan	Webinar on " Patent to Product: Easy Tips"	09, July, 2020	TEQIP-III
3.	Dr. Raj Kumar Arya, Dr Sangeeta Garg	Webinar on "Heavy Crude Oil Production Technologies- Practical Approach" by Mr. Hemant Kumar Sonkar , Chief Engineer (Production), Asia Pacific BU, ONGC Videsh Ltd., New Delhi.	08 August 2020	TEQIP-III
4.	Dr. Raj Kumar Arya, Dr. Anurag Kumar Tiwari, Dr. Giri Babu, Dr Sangeeta Garg	Webinar on "Why a Manuscript is Rejected" by Prof. Sakamon Devahastin, Editor Drying Technology - An International Journal	27 August 2020	Self-sponsored
5.	Dr. Raj Kumar Arya, Dr. Anurag Kumar Tiwari, Dr Sangeeta Garg	Webinar on "IT not only Enabler, But Critical Element of Engineering and Business Operation" by Mr. Praveen Verma, Global Program Director, Energy and Utilities, Birlasoft India Ltd.	05 September 2020	TEQIP-III
6.	Dr. Raj Kumar Arya, Dr. Giri Babu, Dr Sangeeta Garg	Webinar on "Process Scale Up - Aspects and Importance" by Mr. Rahul Chaudhari , Senior Manager (Process), Aarti Industries Ltd, Gujarat, India.	12 September 2020	TEQIP-III
7.	Dr. Raj Kumar Arya, Dr Sangeeta Garg and Dr. Shashikant Yadav	Webinar on "Hydroprocessing Technologies in Petroleum Refinery" by Mr. Ravi Kumar, Ex. Manager, IOCL, Faridabad, India.	19 September 2020	TEQIP-III
8.	Dr. AnjiReddy Bhavanam, Dr Sangeeta Garg and Dr.D.Giribabu	Webinar on "Industry Perspective on Process Control and Career Opportunities in this field"	03 November, 2020	TEQIP-III

9.	Dr. Deepak Sahu, Dr. Nitin Naresh Pandhare, Dr Renu Gupta	Webinar 'Awareness Program on Air Pollution - Swachh aur Swasth Bharat ke liye Swachh Hawa'	March 26, 2021	Ministry of Environment, Forest & Climate Change under Swachhta Action Plan (SAP) 2020-21
10.	Dr M K Jha, Dr S Bajpai, Dr Renu Gupta, Dr Anurag Tiwari	Rubal Memorial Lecture	April 19, 2021	Institute fund

Expert Talk Organized

Sr. No.	Name of the Coordinator	Expert Talk	Date(s) of event	Self-sponsored /TEQIP/ Institute fund
1.	Dr. Raj Kumar Arya, Dr Sangeeta Garg	Expert Talk on "Different Type of Boilers Used in Industries particularly at National Fertilizer Limited, Bathinda, Punjab" by Shri. Prem Pal Singh Chauhan, Assistant Manager, National Fertilizer Limited, Nagal, Himachal Pradesh	15-03-2019	Institute Fund
2.	Dr. M. K. Jha, Dr Sangeeta Garg	Expert Talk on "Strategic Design of Lignocellulosic Biomass Conversion Process for Effective Utilization" by Dr. Thallada Bhaskar , Head, Materials Resource Efficiency Division, CSIR-Indian Institute of Petroleum, Dehradun, U.K.	01-10-2019	Institute Fund
3.	Dr. M. K. Jha, Dr Sangeeta Garg	Expert Talk on "Waste Minimization in Process Industries" by Prof. S.C. Jain, Former Dean and Chairman, Chemical Engineering and Technology Department, Panjab University, Chandigarh.	31-01-2020	Institute Fund
4.	Dr. M. K. Jha, Dr Sangeeta Garg	Expert Talk on "Human Values For Excellence" by Shri. Prabhat Kumar Jha, Retd. DGM Maruti Suzuki India Pvt. Ltd.	17-02-2020	Institute Fund
5.	Dr. J. K. Ratan, Dr Sangeeta Garg	Expert Talk on "Dimensions and Drivers for Innovation in Chemical Industry" by Dr RV Jasra, Senior Vice President, R & D Centre, Reliance industries Ltd Vadodara.	17-02-2020	Institute Fund
6.	Dr Raj Kumar Arya, Dr Sangeeta Garg	Expert Talk on "Relevant Guidance on Problems Faced by Today's Budding Chemical Engineers" by Dr. Sujoy Kumar Samanta, Founding Head of Chemical Engineering, IIT Patna.	11-02-2020	Institute Fund

7.	Dr M K Jha, Dr Ajay Bansal, Dr S Bajpai, Dr Renu Gupta, Dr Anurag Tiwari	Expert Talk on “Green and Clean Energy” by Dr. Sanjeev S. Katti, Director General, ONGC Energy Centre New Delhi,	19.04.2021	Institute Fund
8.	Dr M K Jha, Dr Anurag Tiwari and Dr Renu Gupta	Expert talk on “Biofuel: The Promising Candidate to Combat Climatic Change” by Dr. Krishnendu Kundu, Senior Principal Scientist & Head, CSIR CMERI, Ludhiana	22.03.2022	PSCST, Chandigarh
9.	Dr M K Jha, Dr Anurag Tiwari and Dr Renu Gupta	Expert talk on “Biomass as a potential substitute of coal for sustainable power and Environment” by Dr Anil K Sarma, Scientist-E/Director SSS-NIBE, Kapurthala	22.03.2022	PSCST, Chandigarh
10.	Dr Ajay Bansal, Dr Neetu Divya and Dr Renu Gupta	Expert talk on” 2G Ethanol: An integrated Biorefinery Approach” by Sh Sukhraj Soni, Business Head-Biofuels and Green Chemicals, Spray Engineering Devices Mohali	24.03.2022	Institute Fund
11.	Dr. M K Jha, Dr. Nitin Naresh Pandhare, Dr. Renu Gupta)	Expert talk on “Risks Hazards and Emergency Management in Offshore Oil and Gas Operations” by Mr. Arvind Bhatia, CGM(P), ONGC Academy, Dehradun	09.04.2022	Institute Fund
12.	Ajay Bansal, Dr Renu Gupta, Dr Poonam Gera & Dr Neetu Divya	Expert talk on the topic entitled “Pump Hydraulics” by Mr Amit Jain, Process-Engineering Group Supervisor (EGS), Bechtel	12.04.2022	Institute Fund
13.	Dr. Ajay Bansal, Dr Renu Gupta, Dr Poonam Gera & Dr Neetu Divya	Expert talk on “Safety practices in Refinery Industry” by Ms Reena, Morvi AGM-Process SBEC Houston, USA	22.04.2022	Institute Fund
14.	Dr Renu Gupta, Dr Neetu Divya, Dr Anurag Tiwari	Expert talk on “Opportunities for Chemical Engineers in IT Sector” by Mr Sanskar Gupta	16.08.2022	Self-sponsored
15.	Dr M K Jha, Dr Renu Gupta, Dr S Bajpai, Dr Anurag	Expert talk on “Hydrogen by Electrolysis/ Photolysis of Water and Hydrogen Sulphide” by Dr A	04.08.2022	Institute Fund

	Tiwari	S K Sinha Director Rajiv Gandhi Institute of Petroleum Technology Jai Amethi		
16.	Dr M K Jha, Dr Renu Gupta, Dr S Bajpai, Dr Neetu Divya	Expert talk on “Embarking on a Professional Journey” Mr Ashutosh Raj, Co-Founder PaddleBoat	16.09.2022	Institute Fund
17.	Dr M K Jha, Dr Renu Gupta, Dr Anurag Tiwari, Dr Prashant Malik	Expert talk on “Energy, Climate Change and I” by Prof. Chetan SinghSolanki from the Indian Institute of Technology Mumbai	08.09.2022	Institute Fund
18.	Dr M K Jha, Dr Renu Gupta, Dr Anurag Tiwari, Dr Nitin N Pandhare	Expert talk on "Petroleum Refinery overview-I" by Mr. V R Rajan, Cheif General Manager, BPCL Mumbai Refinery	07.11.2022	Self-sponsored
19.	Dr M K Jha, Dr Renu Gupta, Dr Anurag Tiwari, Dr Nitin N Pandhare	Expert talk on "Petroleum Refinery overview-II" by Mr. D K Zutshi, Deputy General Manager, BPCL Mumbai Refinery	07.11.2022	Self-sponsored
20.	Dr Ajay Bansal, Dr Amit Saran, Dr Renu Gupta	Expert talk on “Millets: Source of Health and Happiness” by Ms. Meghana Shukla	16.11.2022	Self-sponsored