

SHASTRI CONFERENCE AND LECTURE SERIES GRANT (SCLSG) 2021-22



Funded by: Shastri Indo-Canadian Institute

Insight into non-thermal to thermal EOR and Environmental Impact of Modern Petroleum & Chemical Industry



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Department of Petroleum Engineering, IIT(ISM) Dhanbad

Organizing Team:

Prof. Tarun Kumar Naiya Associate Professor Department of Petroleum Engineering , IIT(ISM), Dhanbad tarunnaiya@iitism.ac.in 0326 223 5789 Prof. Archana Assistant Professor Department of Petroleum Engineering , IIT(ISM), Dhanbad archanabalikram@iitism.ac.in 0326 223 5939



EOR NON-THERMAL TO THERMAL: PROPERTIES AND CHALLENEGS

Join Us via ZOOM on

SAT

FEB 26 08:00-09:30 PM



PROF. HEMANTA K SARMA
Professor Oil & Gas Engineering
Dept. of Chemical and Petroleum
EngineeringUniversity of Calgary

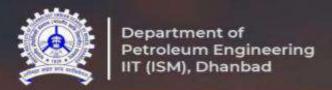
ABOUT THE SPEAKER

Dr. Sarma holds a B.Tech. (First Class Honours in Petroleum Engineering), Indian School of Mines, India, 1978, an M.Sc. (Chemical Engineering with specialization in Petroleum Reservoir Engineering), University of Calgary, Calgary, Canada, 1984. and Ph.D. (Petroleum Engineering), University of Alberta, Edmonton, Canada, 1988.

Dr.HemantaSarma is a Professor of Oil and Gas Engineering at the University of Calgary.

Currently he serves as the 2020-22 International External Examiner for Petroleum Engineering Programme as an appointee of the University Senate of UniversitiTeknologi PETRONAS (UTP) of Malaysia.

He began his professional research career in 1989 at the Petroleum Recovery Institute, Calgary, which was later merged with the Alberta Research Council, where held the position of a Senior Staff Reservoir Engineer. While with the Alberta Research Council, he served an Invited Research Advisor (1993-2000) at the Technology Research Center of the erstwhile Japan National Oil Corporation, Chiba, Japan, where he had participated in its domestic and international R&D and field pilot projects. He has published extensively, authoring over 180 journal and conference papers, and has offered several specialized courses in EOR and reservoir engineering in various locations around the world. Dr. Sarma has been highly recognized for his professional contributions by the Society of Petroleum Engineers (SPE), having been elected as an Honorary Member in 2020, the highest honor that SPE bestows on an individual member. Earlier, he was awarded Distinguished Membership in 2009, Distinguished Service Award in 2018, and in 2019, SPE's highest international service recognition, the DeGolyer Distinguished Service Medal, which is awarded annually to only one member from and amongst its worldwide membership.





RESERVOIR CHARACTERISATION AND HOW RESERVOIR ENGINEERING STUDIES ACCOUNT FOR IT

Join Us via ZOOM on

FRI

MAR 04 08:00-09:30 PM



MR. SHYAMAL BHATTACHARYA Independent Reservoir Management Adviser and Ex-Director (Operations) ONGC Videsh Limited

ABOUT THE SPEAKER

Mr. Shyamal Bhattacharya has a rich 44+ years' experience and successful track record as an Oil & Gas Management Professional. Currently he is working as Independent Reservoir Management Adviser and Consultant to E&P companies and is also engaged full time as Director Oil & Gas Field development in JOSLER HYDROCARBON INDIA PVT. LTD. and engaged with ISM (IIT) Dhanbad as adjunct Professor for taking M-Tech & B-Tech classes. He is also taking classes at MIT, Pune as visiting professor. After his superannuation from ONGC as Director (Operations), ONGC Videsh in October 2014, he was engaged as advisor to ONGC group of companies and then in Gujarat state Petroleum Corporation Ltd. Up to October 2016. A Geoscientist par excellence, he has held key positions in ONGC during the postings at different locations across the country. He has managed the global operations of 11 assets spread across 9 countries with effective control and constant performance improvement through implementation of optimum exploitation strategy, project management, resource management and managing relationships with international partners. He was also involved in acquisition of oil gas properties to increase the country's hydrocarbon portfolio.

Mr Bhattacharya had got his Advance Diploma in Management (ADIM) from Indira Gandhi National Open university (IGNOU) in 2011, his SDM from Indira Gandhi National Open university (IGNOU) in 1993, a B-Tech (Honors) in Petroleum Engineering from Indian School of Mines, Dhanbad in 1976.



CO2 SEQUESTRATION AND HOW IT CAN BE ACHIEVED CONCOMITANTLY THROUGH EOR

Join Us via ZOOM on

SAT

MAR 26 08:00-09:30 PM



PROF. HEMANTA K SARMA
Professor Oil & Gas Engineering
Dept. of Chemical and Petroleum
EngineeringUniversity of Calgary

ABOUT THE SPEAKER

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ENVIRONMENT IMPACT OF MODERN CHEMICAL AND PETROLEUM INDUSTRY AND ITS MANAGEMENT

Join Us via ZOOM on

WED DAY

MAR

06:00-07:30 PM



PROF. B.C. MEIKAP Professor and Head of Department of Chemical Engineering IIT Kharagpur

ABOUT THE SPEAKER

Dr. Bhim Charan Meikap holds Ph.D. from the Indian Institute of Technology, Kharagpur, 2001 in Chemical Engineering, MTech. from the Indian Institute of Technology, Kharagpur, 1992 in Chemical Engineering, B. Tech. from University of Calcutta, 1990 in Chemical Engineering. And B. Sc. (Hons) from University of Calcutta 1986 in Chemistry.-Currently he is Professor & Head of Chemical Engineering in IIT Kharaapur. He is having 30+years of teaching and research experience. Dr. Meikap has been received many distinguished awarded; Excellence Award by NBCFDC, Ministry of Social Justice, Govt. of India awarded to IIT Kharagpur for demonstrating successfully the CSR project. (2019), Hetero Drugs Prof. G. S. Laddha CHEMCON Distinguished Speaker Award 2017" of Indian Institute of Chemical Engineers (II-ChE-2017) and many more. He has three patents to his name, has written and collaborated in six books and published over 175 research papers in journals.

Dr. Meikap is admitted as Fellow, Royal Society of Chemistry (FRSC) and Fellow, Institution of Engineers (India) (FIE). He is also member of many Professional Societies and also Editorial Board Member of many Journals (Mineral Processing and Extractive Metallurgy Review: Taylor & Francis, South African Journal of Chemical Engineering (Else-

vier), Journal of Fluids and many more).