



## R&D Conclave 2018

*Theme: Shaping the Future Through R&D*

**Venue:** *Holiday Inn Resort, Mobor Beach, Goa*

DATE	TIME	SESSION
22/08/18 (Wednesday)	4:30 PM to 6:00 PM	<b>Inaugural Session</b>  <i>Welcome by : Dr. R.K. Malhotra, Director General, Federation of Indian Petroleum Industry (FIPI)</i>
		<i>Theme Address : Mr. Gandham Sriganesh, ED, HPCL on "Shaping the Future Through R&amp;D - Indian &amp; Global Outlook"</i>
		<i>Special Address: Dr. S.S.V Ramakumar, Director (R&amp;D), IOCL</i>
		<i>Special Address: Mr. A.K. Dwivedi, Director (Expl.), ONGC</i>
		<i>Inaugural Address by Chief Guest:</i>  <i>Dr. Anil Kakodkar, Chairman, Scientific Advisory Committee (SAC) on Hydrocarbons, MoP&amp;NG and INAE Satish Dhawan Chair of Engineering Eminence, BARC</i>
	<i>Vote of Thanks: Mr. T.K. Sengupta, Director (E&amp;P), FIPI</i>	
	6:00 to 6:15 PM	<b>Break</b>
	6:15 to 7:45 PM	<b>Session: I - Alternative Energy /Emerging Technologies (1)</b> <b>Chairperson: Dr. S.S. V. Ramakumar, Director (R&amp;D), IOCL</b> <ul style="list-style-type: none"><li>- System Integration of SOEC Technology by Dr. Erik Reichelt, Fraunhofer Germany</li><li>- Bio-Electrochemical Conversion of CO2 into Ethanol by Prof. Ludo Diels, VITO Belgium</li></ul>
	8:00 PM onwards	<b>Networking Dinner</b>

23/08/18 (Thursday)	9:30 to 11:30 AM	<p><b>Session-II - R&amp;D in Upstream (1)</b></p> <p><b>Chairperson: Mr. P.K. Sharma, Director (Ops.), Oil India Limited</b></p> <ul style="list-style-type: none"> <li>- 3-D Geomechanical Modelling and Fracture Characterization by <b>Mr. J. Nagaraju, GEOPIC-ONGC</b></li> <li>- Challenges in Acquisition, Processing and Interpretation in Fold Belt Area by <b>Mr. Amitav Bordoloi, Oil India</b></li> <li>- Reservoir Simulation-Generation Next by <b>Mr. Sheel Ranjan Prasad, IRS-ONGC</b></li> <li>- Unlocking Potential of tight Reservoirs by <b>Mr. Ajit Kumar Singh, IRS-ONGC</b></li> <li>- Corrosion and Scaling in Oil Industry by <b>Mr. Subodh Purohit, Oil India</b></li> </ul>
	11:30 to 11:45 AM	Tea Break
	11:45 to 1:40 PM	<p><b>Session III - R&amp;D in Downstream and Polymers (1)</b></p> <p><b>Chairperson: Mr. V.S. Shenoy, Director (Ref.), HPCL</b></p> <ul style="list-style-type: none"> <li>- CONSISTA® Catalyst for the UNIPOL® PP Process - Six Years in Perspective by <b>Mr. Yogesh Mishra, W.R. Grace &amp; Co.</b></li> <li>- Development of Niche Polymeric Products like Drag Reducing Additive (DRA) and Polyalphaolefin (PAO) Synthetic Base Stocks by <b>Dr. G.S. Kapur, IOCL</b></li> <li>- Future of Refining: R&amp;D Challenges Ahead by <b>Dr. Asit Das, RIL</b></li> <li>- Development and Commercialisation of Lubricity Improving Additive for Ultra Low Sulphur Diesel Fuel by <b>Mr. Sandip Bhowmik, HPCL</b></li> <li>- Novel Catalyst for Naphtha Reforming by <b>Dr. Raksh Vir Jasra, RIL Technology Group</b></li> </ul>
	1:40 to 2: 30 PM	Lunch

	2:30 to 4: 30 PM	<p><b>Session-IV - R&amp;D in Upstream (2)</b></p> <p><b>Chairperson: Mr. T.K. Sengupta, Director (E&amp;P), FIPI</b></p> <ul style="list-style-type: none"> <li>- New Frontiers in EOR Process-CO<sub>2</sub> Injection by <b>Mr. Sujit Mitra, IRS-ONGC</b></li> <li>- Drilling and Completion Challenges in HPHT Environment by <b>Mr. Parvinder Singh and Ms. Shaoli Chatterjee IDT-ONGC</b></li> <li>- Flow Assurance Challenges by <b>Ms. Ragini Sarmah, R&amp;D Department, Oil India</b></li> <li>- Production Optimization and Decline Management by <b>Mr. Saloma Yomdo, COEES, Oil India</b></li> <li>- Emerging Trends in Heavy Oil Exploitation by <b>Dr. John Belgrave, Belgrave Oil &amp; Gas Corporation, Alberta</b></li> </ul>
	4:30 to 5:00	<b>Tea Break</b>
	5:00 to 7:00 PM	<p><b>Session V - R&amp;D in Downstream and Polymers(2)</b></p> <p><b>Chairperson : Dr. M.O. Garg, Head Refining &amp; Petchem R&amp;D, RIL</b></p> <ul style="list-style-type: none"> <li>- Advance Modelling &amp; Deep Characterization: Key to Smart &amp; Digital Refining by <b>Dr. Chandra Saravanan, RIL &amp; Mr. Prashant Gunjal, RIL</b></li> <li>- Enhancing Refinery Performance Through Indigenous Technologies by <b>Mr. Debasis Bhattacharyya, IOCL</b></li> <li>- Fundamentals Driving Innovation by <b>Mr. Priyesh Jani, UOP</b></li> <li>- Modified Bio Char - A Cost Effective Sorbent for Oil Spillage Mitigation by <b>Ms. M Lavanya, HPCL</b></li> <li>- Drag Behavior Determination of High Molecular Weight Poly <math>\alpha</math>-Olefin with Couette-Cell Assembly in Rheometer by <b>Mr. Pravin Kadam, HPCL</b></li> </ul>
	7:00 to 7:45 PM	<p><b>Session VI: Panel Discussion</b></p> <p><b>Management of R&amp;D : HR &amp; Material Procurement Issues</b></p> <p><b>Moderator: Mr. Rajiv Bahl, Director (Finance, Taxation &amp; Legal) FIPI</b></p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>- Mr. A.K. Dwivedi, Director (Expl.), ONGC</li> <li>- Mr. L.K. Vijh, Director (Technical), EIL</li> <li>- Mr. Gandham Sriganesh, ED (R&amp;D), HPCL</li> <li>- Mr. S.K. Mazumdar, ED (RT), IOCL</li> </ul>
	8:00 PM Onwards	<b>GALA Dinner</b>

24/08/18 (Friday)	9:30 to 11:45 AM	<p><b>Session-VII-Alternative Energy /Emerging Technologies (2)</b></p> <p><b>Chairperson: Dr. R.K. Malhotra, Director General, FIPI</b></p> <ul style="list-style-type: none"> <li>- Keynote on Gasification by <i>Dr. R. Sonde, Thermax</i></li> <li>- Addressing Future Challenges Employing Customized Gasification Technologies by <i>Ms. Vartika Shukla, EIL</i></li> <li>- Hydrogen/Fuel Cell by <i>Dr. D. Parvatalu, ONGC Energy Centre</i></li> <li>- Status of Gas Hydrates by <i>Mr. Gaurav Dixit, GHRTC, ONGC Mumbai</i></li> </ul>
	11:45 to 12:00 PM	<b>Break</b>
	12:00 to 12:30 PM	<p><b>Concluding Session :</b></p> <ul style="list-style-type: none"> <li>• A Second Life for Carbon Through Gas Fermentation by <i>Dr. Laurel Harmon, LanzaTech USA</i></li> <li>• Lignocellulose Ethanol and Lignin Valorisation by <i>Prof. Ludo Diels, VITO Belgium</i></li> <li>• Impact of Digitalization on R&amp;D World by <i>Mr. Deepak Mahurkar, Leader Oil &amp; Gas, PwC India</i></li> <li>• Concluding Remarks by : <i>Dr. R.K. Malhotra, DG, FIPI</i></li> </ul>
	12:30 PM onwards	<b>Lunch</b>