

**CATEGORY I:****Organized by Various Departments & Dean (R&C) under R&C Lecture Series**

<b>S.No.</b>	<b>Date of Lectures</b>	<b>Topic of Lecturer</b>	<b>Delivered by</b>	<b>Coordinator</b>
1.	13.07.2007	Superheated Liquid and it's Application	Prof. S.C. Roy, Editor in Chief Indian Institute of Astrophysics, Bangalore	Dean (R&C)
2.	13.08.2007	The Dynamic Earth	Prof. V.K. Gaur, Indian Institute of Astrophysics, Bangalore	Dean (R&C)
3.	19.09.2007	Towards Quieter Technologies	Prof. M.L. Munjal, Indian Institute of Science Bangalore	Dean (R&C)
4.	28.09.2007	Rocks, Soils and Environmental Pollution	Dr. Vikas Raymahashay, Ph.D. (Harvard), Former Professor of Geology, IIT, Kanpur	Dean (R&C)
5.	05.11.2007	Some Interesting Fluid Dynamic Aspects in Solidification Phase Change of Binary Systems	Dr. Suman Chakraborty, Associate Professor, Deptt. of Mechanical Engg., IIT Kharagpur	Dean (R&C)
6.	16.11.2007	Mysteries of Space, Time and Elementary Structure	Prof. Saumitra Sengupta, Indian Association for the Cultivation of Science, Kolkata	Dean (R&C)
7.	31.07.2008	Solid Rock Mass Flow Like Fluid?- Auest for Evidence and Analysis	Prof. Nibeer Mondal (Indian Institute of Science and Research, Kolkata)	Prof. K.M. Gupta (AMD) and Dr. Ashutosh Pandey (Chemistry Dept.)
8.	21.08.2008	Green and Safe Nuclear Power	Dr. H.S. Kushwaha, Scientist & Director, Health Safety & Environment Group, BARC, Mumbai	Prof. K.M. Gupta (AMD) and Dr. Ashutosh Pandey (Chemistry Dept.)
9.	29.09.2008	Preservation and Sequestration of Organic Carbon in the Earth	Dr. Neal S. Gupta, Department of Earth, Atmospheric and Planetary Sciences, MIT, Cambridge, USA)	Prof. K.M. Gupta (AMD) and Dr. Ashutosh Pandey (Chemistry Dept.)
10.	29.04.2009	Partial Melting and Seismic Velocity of Rocks at High Temperature and Pressures	Dr. Makoto Arima, Dean of Graduate School of Environment and Industries, Yokohama University, Japan	Prof. K.M. Gupta (AMD) and Dr. Ashutosh Pandey (Chemistry Dept.)
11.	31.08.2009	Characterization of a medium using a Short-Pulse Laser	Dr. Subhash C. Mishra, Professor of Mechanical Engineering, I.I.T., Guwahati	Prof. K.M. Gupta (AMD) and Dr. Ashutosh Pandey (Chemistry Dept.)
12	25.06.2012	CSIR-NISCAIR activity & JSIR	Dr. S. Sengupta, Associate Editor, Journal of Scientific & Industrial Research (JSIR), CSIR, New Delhi	Prof. P.K. Dutta, Chemistry Department

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13	10.03.2014	Data Mining & its Applications	Prof. Banani Saha, Professor, Department of Computer Science & Engineering, University of Kolkata	Prof. Suneeta Agarwal, Computer Science & Engineering Department
14	21.08.2014	Machine Learning and Date Mining with focus on Kernel methods like support vector machines	Dr. Shirish Shevade, Computer Science and Automation, Indian Institute of science, Bangalore	Prof. R.S. Yadav Computer Science & Engineering Department.
15	12.12.2014	Stem cell biology, tissue regeneration and immune toxin folate receptors	Dr. Rama Shankar Verma, Professor, IIT, Madras	Dr. Anjana Pandey, Head Biotechnology Department.
16	12.02.2015	Computational Fluid Dynamics and its Application in Chemical Process Industries	Dr. V.P. Mishra, Vice President, Reliance Corporate Park, Mumbai	Dr. Ashish N. Sawarkar Assistant Professor, Chemical Engineering Department.
17	19.03.2015	Geo-Environmental Aspects	Prof. P.V. Sivapullaiah, Department of Civil Engineering, IISc., Bangalore	Dr. Kumar Venkatesh Assistant Professor Civil Engineering Department.
18	19.03.2015	Recent development of numerical methods in engineering education	Prof. M.K. Kadalbajoo, Department of Mathematics, IIT, Kanpur	Dr. Manoj Kumar, Department of Mathematics,
19	24.03.2015	Deceit Detection/ Cognition of Brain and Interrogation System.	Mr. J.L. Bind, Joint Director, DRDO, Ministry of Defence, Delhi-110054	Prof. R.S. Yadav, Head, Computer Science & Engineering Department.
20	23.07.2015	Nano Scratch based technique for qualifying adhere on at submicron scale	Prof. Arvind Agarwal, Director, Advanced Materials Engineering Research Institute, Florida International University, Miami, USA	Prof. Anuj Jain, Department of Applied Mechanics
21	13.10.2015	Stabilization of Expansive soils	Prof. P.V. Sivapullaiah, Department of Civil Engineering, IISc., Bangalore	Er. V.P. Singh, Civil Engineering Department
22	09.11.2015	HIV-I Biology & Pathogenesis	Prof. Akhil C. Banerjea, National Institute of Immunology (NII), New Delhi	Dr. Anjana Pandey, Head, Department of Biotechnology
23	23.12.2015	Fluid Mechanics	Prof. Anatoly N. Filippov, Department of Higher Mathematics, Gubkin Russian State University of Oil and Gas Russia	Dr. Pramod Kumar Yadav, Department of Mathematics