

M. G. BHAGAT MEMORIAL LECTURE

The list of previous speakers along with the title of their lecture in different years

No	Name	Address	Year	Annual Session
1st	Manfred G. Dorst	Maschinen and Anlagen GmbH, Germany	1988	52nd
2nd	P. R. Roy	BARC, Mumbai, India	1989	53rd
3rd	A. C. D. Chakladar	UBC, Canada	1990	54th
4th	R. H. J. Hannink	CSIRO, Australia	1991	55th
5th	M. J. Patni	IIT-Bombay, India	1992	56th
6th	B. N. Samaddar	GCECT, Kolkata, India	1993	57th
7th	R. Sivkumar	SCTIMST, Trivandrum, India	1994	58th
8th	Lwitwin Gisbert von Boch	Villeroy abn Boch AG, Germany	1995	59th
9th	W. Eitel	President Intocast AG Postfach 1315 D-40833 Ratingen, Germany	1996	60th
10th	C. Ganguli	Director, CGCRI, Kolkata, India	1997	61st
11th	D. C. Agarwal	Professor Materials Science Programme IIT-Kanpur, India	1998	62nd
12th	V. C. Joshi	Professor of Ceramic Engineering Dept of Ceramic Engineering Banaras Hindu University, Varanasi, India	2000	63rd
13th	Sunil Dutta	R&D Programme Manager and Senior Materials Research Scientist NASA, John Glenn Research Centre Cleveland, Ohio, USA	2001	64th
14th	Sanjay Basu	Corporate Consultant Sandvik Asia Ltd Bombay-Puna Road Puna (Maharashtra), India	2002	65th
15th	Jaydeb Mukerji	Retd. Scientist CGCRI, Kolkata, India	2002	66th
16th	Shridhar Komarneni	Professor of Clay Mineralogy 205 Materials Research Laboratory The Pennsylvania State University University Park, Pa 16802, USA	2004	67th
17th	Sumio Sakka	Professor Emeritus of Kyoto University Japan	2004	68th

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18th	Amit Chatterjee	Tata Steel Jamshedpur, India	2005	69th
19th	G. Sundrarajan	Director International Research Centre for Powder Metallurgy & New Materials Hyderabad, India	2007	70th
20th	T. R. Ram Mohan	Consultant, Powder Metallurgy, Ceramic and Diamond Tools Former Professor Department of Metallurgical Engineering & Materials Science IIT-Bombay, India	2008	71st
21st	A. K. Kaviraj	Director Technical H&R Johnson (India) Ltd Mumbai, India	2009	72nd
22nd	A. H. de Vries	Netherlands	2009	73rd
23rd	Turpin Rosenthal	C/o. Konitz Porzellan GmbH, Bahnhofstraße 2 07333 Könitz Germany - 0049	2010	74th
24th	Professor G. N. Agrawal	Professor of Ceramic Engineering Department of Ceramic Engineering Banaras Hindu University Varanasi-221005 (UP), India	2011	75th
25th	Professor Tatsuki Ohji	Prime Senior Research Scientist, National Institute of Advanced Industrial Science and Technology (AIST), Japan and Designated Professor, Graduate School of Science and Engineering, Meijo University, Japan Advanced Manufacturing Research Institute (AIST Chubu), Anagahora 2266-98, Shimo-shidami, Moriyama-ku, Nagoya 463-8560, Japan	2012	76th
26th	Professor Vikram Jayaram	FASc, FNASc, FNAE Professor, Department of Materials Engineering (Metallurgy) And Chairman, Placement Centre at Indian Institute of Science (IISc) Bangalore – 560012, Karnataka, India	2013	77th
27th	K. Srinivasan	Managing Director Carborundum Universal Ltd Parry House, VI Floor, Moore Street, Chennai 600 001, India	2015	78th

No	Name	Address	Year	Annual Session
28th	Dr K. Muraleedharan	Director CSIR-Central Glass & Ceramic Research Institute Kolkata , West Bengal, India	2015	79th
29th	Dr Himadri Sekhar Maiti	Project Adviser, GCECT, Kolkata And Former Director, CSIR-Central Glass & Ceramic Research Institute Kolkata, India	2016	80th
30th	Dr Kantilal Hastimal Sancheti	<i>Padma Shri, Padma Bhushan, Padma Vibhushan</i> Founder President and Chief Orthopaedic Surgeon, Sancheti Hospital Shivajinagar, Pune, India	2017	81st
31st	Professor Bikramjit Basu	Professor, Materials Research Center, Indian Institute of Science (IISc) Bangalore, Karnataka, India	2019	82nd
32nd	Professor Ajit R. Kulkarni	Professor Department of Metallurgical Engineering and Materials Science Indian Institute of Technology-Bombay Powai, Mumbai, India	2019	83rd
33rd	Professor Dr. rer. nat. habil. Alexander Michaelis	Full Professor at University of Dresden President of Fraunhofer Institute for Ceramic Technologies and Systems IKTS, Dresden, Germany	2020	84th
34th	Dr Palani Balaya	Associate Professor, Department of Mechanical Engineering, National University of Singapore, Singapore.	2021	85th
35th	Professor Saikat Maitra	Vice Chancellor, Maulana Abul Kalam Azad University of Technology, West Bengal, India	2022	86th
36th	Professor Manoj K. Choudhary	Professor, Ohio State Univ., USA	2023	87th
37th	Professor (Dr) Sanjay Mathur	Director, Institute of Inorganic Chemistry Chair, Inorganic and Materials Chemistry University of Cologne, Germany	2024	88th
38th	Dr. A. K. Tyagi	Dean and Senior Professor Homi Bhabha National Institute, Mumbai, India <i>and</i> JC Bose National Fellow, BARC, Honorary Professor, JNCASR, Bengaluru Adjunct Professor, ICT, Mumbai	2025	89th

TOPICS OF THE M. G. BHAGAT MEMORIAL LECTURE IN DIFFERENT YEARS

Year	Speaker	Topic
1988	Manfred G. Dorst	“New Forming Technologies for the Ceramic Industry — Isostatic Dry Pressing of Flatware and Pressure Casting for Sanitary”
1989	P. R. Roy	“Ceramic Nuclear Fuels”
1990	A. C. D. Chaklader	“Advanced Ceramics for Structural Applications — Problems and Prospects”
1991	R. H. J. Hannink	“Deformation Mechanisms in Advanced Ceramics”
1992	M. J. Patni	“The Current Trends in Electronic Ceramics”
1993	B. N. Samaddar	“Progress in Chemical Bonding of Refractories”
1994	R. Sivakumar	“Ceramic Biomaterial as Implants”
1995	Lwitwin V. Boch Jr.	“Evaluation of Ceramic Whiteware in Europe : From the End of 20 th Century to the Beginning of the 21st Century”
1996	W. Eitel	“Recent Developments in Monolithic Refractories for Iron and Steel Industry”
1997	C. Ganguly	“Development of Ceramic Nuclear Fuels for Nuclear Power Programme in India”
1998	D. C. Agrawal	“Zirconia Ceramics — Processing, Mechanical Properties & New Developments”
1999	V. C. Joshi (Delivered in 2000)	“Ceramic – from Art to Technology – and Challenges in the New Millennium”
2000	Sunil Dutta (Delivered in 2001)	“Role of Nanophase Materials in Engineering Applications – Prospects and Challenges for the 21st Century”
2001	Sanjay Basu (Delivered in 2002)	“Development and Management of Ceramic Technology : An Indian Experience”
2002	Joydeb Mukerji	“Selected Topics in Advanced Ceramics”
2003	Sridhar Komarneni (Delivered in 2004)	“Innovation in Synthesis and Processing of Ceramic Materials”
2004	Sumio Sakka	“Current and Future Possibility of Sol-Gel Process”
2005	Amit Chatterjee	“Development in Steel Making and the Consequent Demand on Refractories”
2006	G. Sundararajan (Delivered in 2007)	“Nano Structured Ceramics and Ceramic Coatings”
2007	T. R. Ram Mohan (Delivered in 2008)	“Bioceramics and Bioceramic Composite Materials”
2008	A. K. Kaviraj (Delivered in 2009)	“Indian Ceramic Tile Industry – An Overview, in world scenario”

Year	Speaker	Topic
2009	A. H. de Vries	"Brick and Tile Industry in Developing and Developed Countries"
2010	Turpin Rosenthal (Delivered in 2011)	"International Scenario of Pottery Industry"
2011	G. N. Agrawal	"New Generation Ceramics"
2012	Tatsuki Ohji	"Microstructure and Mechanical Properties of Advanced Ceramics"
2013	Vikram Jayaram	"Probing Mechanical Properties at Small Length Scales Hard Coatings"
2014	K. SRINIVASAN (Delivered in 2015)	"Industrial Ceramics – A Business Perspective"
2015	K. Muraleedharan	"Advanced Glass and Ceramic Materials for Strategic Applications"
2016	Himadri Sekhar Maiti	"Transparent Ceramics And Their More Recent Applications"
2017	Kantilal Hastimal Sancheti	"Omnipresent Ceramic –Bioceramics"
2018	Bikramjit Basu (Delivered in 2019)	"Ultra High Temperature Ceramics (UHTC) for Hypersonic Space Vehicles: Opportunities and Challenges"
2019	Ajit R. Kulkarni	"Safer Multifunctional Sunscreen Active Ingredient via Defects Engineering: Concept to Commerce"
2020	Dr. rer. nat. habil. Alexander Michaelis	"Advanced Ceramics for Energy and Environmental Technology"
2021	Palani Balaya	"Nanostructured Materials and Their Impact on Developing Safe Battery Technologies"
2022	Saikat Maitra	"Ceramic Technology and Artificial Intelligence"
2023	Manoj K. Choudhary	"Towards Sustainable Glass Melting Technology: Past Innovations and Future Strategies for Decarbonization"
2024	Sanjay Mathur	"Catalysts of Change: Functional Ceramic Materials Steering Sustainable Development"
2025	A. K. Tyagi	"Ceramics and Glasses For Nuclear Sector"