

**Report of Workshop on ‘Advances in Engineering Ceramics & Composites  
(ACC-17)’**



Workshop on ‘Advances in Engineering Ceramics & Composites (ACC-17)’ was jointly organized by Indian Ceramic Society, College of Engineering Pune and Powder Metallurgy Association of India during 12<sup>th</sup> - 13<sup>th</sup> December, 2017 at College of Engineering Pune. It was attended by 21 delegates coming from different parts of country. Delegates basically came from Industries like Demech-Pune, Himson-Surat etc.; R&D laboratories like DMRL-Hyderabad, C-MET-Pune & Thissur, NMRL-Ambarnath; and Educational institutes like IIT-Bobmay, NIT-Rourkela, DIAT-Pune, SPPU Physics Dept.-Pune, COEP-Pune etc.

Before the inauguration of the workshop, one minute silence was observed in the memory of late Dr. V.N. Vaidya, former President of Indian Ceramic Society who was instrumental in formulating the theme of this workshop, who unfortunately expired this year on 16<sup>th</sup> October'17 in the midst of preparations going on for this workshop and the conference following it. The inauguration of this workshop was conducted at the auspicious hands of Prof. T.R.R. Mohan. The other dignitaries present on the dais were Dr. N.B. Dhokey, HoD, Met. & Matl. Sc., COEP-Pune, Dr. Deep Prakash, Secretary-PMAI and Dr. S.P. Butee, Convener, ACC-17. Inaugural keynote address was given by Prof. T.R.R. Mohan in which he highlighted the

current and future requirements of advanced ceramics and composites in India. Talks on sixteen different topics covering different aspects of advances in engineering ceramics and composites were delivered by eminent speakers like Dr. T. R. Rama Mohan (Former Prof. IITB), Dr. K. Murligopala Krishnamurty (Novoken Innovations Ltd.), Prof. P. Ramakrishnan (Emeritus Prof. IIT, Bombay), Dr. Deep Prakash (BARC, Mumbai), Mr. Gopinath (Fluidtherm, Chennai), Mr. U. Basak (Ex. BARC, Mumbai), Dr. A.N. Tiwari (Ex-Prof. IIT-B), Dr. Ravindar Tadi (Mahindra CIE, Pune), Prof. Parag Bhargava (Prof. IIT, Bombay) and Mr. Ramdas Chitalkar (Morgan Advanced Materials Ltd.). Dr. Prakash Ranaware handled all the pre-workshop preparations and Mrs. Manisha Kulthe handled the coordination of the sessions. All the pre- and post- lunch sessions were concluded with a special interactive session of speakers with the delegates. This was the highlight of this workshop. These sessions were very fruitful and well received by the delegates. An excellent feedback was given by all the participants. Overall, the workshop was a huge success.



**List of Speaker for Workshop  
on  
'Advances in Engineering Ceramics & Composites (ACC-17)'**

<b>S.N.</b>	<b>Speaker</b>	<b>Topic</b>
1	Dr. T. R. Rama Mohan (Former Prof. IITB)	1. Overview of Advanced Ceramics & Composites 2. Sintering of Ceramics 3. Structural and Bio-ceramics
2	Dr .K. Murligopala Krishnamurty (Novoken Innovations Ltd)	1. Powder production 2. Special densification processes 3. Carbide and Diamond Tools
3	Prof. P. Ramakrishnan, (Emeritus Prof. IIT, Bombay)	Powder characterization
4	Dr. Deep Prakash (BARC, Mumbai)	1. Preparation of ready to form powders (premixes) and Shape forming 2. Energy Ceramics
5	Mr. Gopinath (Fluidtherm, Chennai)	Sintering equipments
6	Dr. A. N. Tiwari (Former Prof. IITB)	Glasses and Glass Ceramics
7	Prof. Parag Bhargava, (Prof. IIT, Bombay)	Powder Injection Molding for Ceramics and Additive Manufacturing
8	Dr. Ravindar Tadi, Mahindra CIE	Magnetic ceramics
9	Mr. U. Basak (Ex. BARC, Mumbai)	Nuclear Ceramics
10	Mr. Ramdas Chitalkar (Morgan Advanced Materials)	1. Silica crucibles 2. Clay-graphite crucibles
11	Mr. Kaustubh Kambale (Faculty, COEP)	Dielectrics, Ferroelectrics and Piezoelectrics