



Theme Meeting on Thin Film Technology for FBR Applications

Thin film science and technology have progressed rapidly over the years. Thin films have distinct advantages over bulk materials and their constitution is not necessarily constrained by equilibrium considerations. It is now possible to engineer thin film coatings to provide not only excellent functional properties, but also excellent sensors and devices for many strategic applications. Considering the pre-eminent role that thin film technology is expected to play in future materials processing and further harnessing for FBR applications, the Indian Institute of Metals, Kalpakkam Chapter, proposes to conduct a focused theme meeting on “**Thin Film Technology for FBR Applications**” on 27th Feb 2020 at MDL Seminar hall. Participation will benefit young officers and research scholars as also experienced engineers from allied fields.

Date: Thursday, 27-Feb-2020

Venue: MDL Seminar Hall

Programme

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| 13:30 h | <i>Welcome</i> | Dr. S. Raju Associate Director, MCG / MMG |
| 13:35 h | <i>Opening Remarks</i> | Dr. Shaju K Albert Director, MMG & MSG |
| 13:45 h | <i>Thin films and coatings of oxides and nitrides for FBR applications</i> | Dr. R. Mythili SMSMS/ PMD/MCG |
| 14:30 h | <i>Thin film characterization using SIMS</i> | Dr. S. Ilango SSS,SND/MSG |
| 15:15 h | <i>Semiconducting metal oxide thin films for gas sensing applications in fast reactors and allied facilities</i> | Dr. A. Sree Rama Murthy NCSS,MCD/MC&MFCG |
| 1600 h | <i>Some experiences in surface modification of large size engineering components</i> | Smt. T. Ezhilarasi, SMSMS, PMD/MCG |
| 1630 h | <i>Vote of thanks</i> | Dr. P. Parameswaran, Head, PMD |
| 1635 h | <i>High Tea</i> | |

All are welcome to attend the Theme Meeting