



*The Council on the recommendation of the Senate of the  
Institute hereby confers on  
Digamber Gurudas Porok  
the degree of*

**Doctor of Philosophy**  
*in recognition of the research work on*

**Synthesis and Structural Investigation of Novel Ionic Conductors in  $M_x\text{Bi}_3\text{V}_2\text{O}_{10}$   
System [M=Li, Na, Ag(x=1); Ca, Sr (x=0.5)]**

*C. Menon*  
Director

19 June 2004

*Raja Ramana*  
Chairman of the Council