

**Probing the Near Barrier Fusion Mechanism
for the Systems
 $^{37}\text{Cl} + ^{116}\text{Sn}$, $^{16}\text{O} + ^{112,116}\text{Sn}$ and $^{32}\text{S} + ^{112,116,120}\text{Sn}$
Through Barrier Distribution Measurements**

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VANDANA TRIPATHI

NUCLEAR SCIENCE CENTRE
New Delhi - 110 067, India
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