



THE NEW COLLEGE, CHENNAI - 600 014

(An Autonomous Institution Affiliated to the University of Madras & Accredited by NAAC with 'A++' Grade of 3.61/4 in the 4th Cycle)



PG and Research Department of Chemistry

Ph.D., OPEN DEFENCE



Title

DUAL-RESPONSIVE 'TURN ON' FLUOROMETRIC CHEMOSENSORS FOR THE SELECTIVE DETECTION OF Zn^{2+} AND Al^{3+} CATIONS AND F^{-} ANION: SPECTRAL AND THEORETICAL INVESTIGATIONS, AND APPLICATIONS IN BIO-IMAGING OF *DANIO RERIO* AND *ARTEMIA SALINA* ANIMAL MODELS, AND MOLECULAR LOGIC GATE OPERATION



20/01/2026



11:00 A.M

Presented by

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