

Women's Christian College, the first private college for women in Chennai was established in the year 1915. The college aims to provide a complete, meaningful and relevant education to women so that they are intellectually well-trained, morally upright, socially aware and spiritually inspired. The college has been an autonomous institution for 4O years, affiliated to the University of Madras. The National Assessment and Accreditation Council (NAAC) accredited the college with Grade 'A+' in 2019. The College has been awarded with 'Potential for Excellence' status by the UGC in 2016. The college has tie-ups with many state, central and private industries and institutes. The college has many collaborations with universities overseas - Liverpool Hope University, (U.K.), LeTourneau University, (Texas, U.S.A), Ginling College, Nanjing Normal University (People's Republic of China) and Binary University, (Malaysia).

The Department of Physics, established in 1916, has been offering the B.Sc. Program since 1953 in the government aided stream and the M.Sc. Program was started in 1999 under the self-financed stream. The department provides a vibrant and conducive environment to kindle students' curiosity in theoretical and experimental Physics as well as research, imparting strong foundation under the guidance of well experienced and qualified faculty. Original research and creativity are encouraged and nurtured to enable students to pursue a career in Physics and other related fields.

## PUBLISHED BY

ROYAL BOOK PUBLISHING
OLD NO: 118/07, NEW NO: 52-1
WARD NO: 10, K. M. NAGAR
AYOTHIYAPATTINAM
SALEM - 636103
TAMILNADU



INTERNATIONAL CONFERENCE PURE AND APPLIED PHYSICS 23 & 24 MARCH 2023 ORGANIZED BY DEPARTMENT OF PHYSICS Ni(NO<sub>3</sub>)<sub>2</sub>.6H<sub>2</sub>O Ce(NO<sub>3</sub>)<sub>3</sub>.6H<sub>2</sub>O WOMEN'S CHRISTIAN COLLEGE CHENNAI **BOOK OF ABSTRACTS** Since 1915 **Editors** Dr. A Christina Nancy Dr. T S Renuga Devi Dr. G Hannah Priya

WCC-ICPAP

2023

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**ABSTRACTS**