



**SEETHALAKSHMI RAMASWAMI COLLEGE
(AUTONOMOUS)
AFFILIATED TO BHARATHIDASAN UNIVERSITY
TIRUCHIRAPPALLI**



Accredited with A+ by NAAC (4th Cycle)

DEPARTMENT OF BIOCHEMISTRY

&

DEPARTMENT OF BIOTECHNOLOGY



ORGANISE



**INTERNATIONAL CONFERENCE
ON
BIODIVERSITY CONSERVATION
ROLE OF AI IN SUSTAINABLE AGRICULTURE
(HYBRID MODE)**

Time: 10.00 a.m. to 3.30 p.m. Date: 06.10.2026 - 07.10.2026



PROGRAMME SCHEDULE

DAY 01- 06.10.2026 (Tuesday)

PRAYER : Department of Music

WELCOME ADDRESS



Dr. J. Sugunabai
Associate Professor and Head
PG Department of Biochemistry

PRESIDENTIAL ADDRESS



Dr. M. V. Alli
Principal
Seethalakshmi Ramaswami College
Tiruchirappalli

INAUGURAL ADDRESS

(10.30 a.m.-11.30 a.m)

Plant Metabolomics and Human Health
Translating Metabolic Signatures into Nutritional Solutions



Dr. Kumaresan Ramanathan
Professor of Medical Biochemistry
Jimma University, Ethiopia

TECHNICAL SESSION 1

(11.30 a.m. – 12.30 p.m.)

AI in Farming Revolution-Future Scenario



Dr. N. Nagamurugan
Assistant Professor of Botany
Thanthai Periyar Govt. Arts and Science
College (Autonomous)
Tiruchirappalli

ORAL / POSTER/ PARALLEL SESSION

12.30 p.m. – 1.00 p.m.

LUNCH BREAK

1.00 p.m. – 01.30 p.m.

TECHNICAL SESSION 2

(01.30 p.m. – 02.30 p.m.)

Recent Advancements in Integrated Pest Management



Dr. Jiang Ying Ying

Pharmaceutical R&D Scientist

Shanghai Boyue Biotechnology Co., Ltd.

China

ORAL / POSTER/ PARALLEL SESSION

02.30 p.m. – 03.30 p.m.

DAY 02- 07.10.2026 (Wednesday)

TECHNICAL SESSION 3

(10.00 a.m. - 11.00 p.m.)

From DNA to Data: The Role of Computing in Modern Biology



Dr. Paari K.A

Associate Professor

Department of Life Sciences

CHRIST (Deemed to be University)

Bangalore

ORAL / POSTER/ PARALLEL SESSION

11.00 a.m. – 12.30 p.m.

LUNCH BREAK

12.30 p.m. – 01.00 p.m.

TECHNICAL SESSION 4

(01.00 p.m. – 02.00 p.m.)

**Mapping Cellular Heterogeneity in hMSCs Using
AI-Powered Analysis of Transcription Factor Dynamics**



Dr. Kannan Govindaraj

Marie-Curie Post-doctoral Fellow

Brigham Women's Hospital

Harvard Medical School

USA

VALEDICTION
(02.00 p.m. - 3.00 p.m.)

PRAYER
WELCOME ADDRESS
FELICITATION ADDRESS



Dr. A.S. Maheswari
Dean of Quality & IQAC Coordinator
Seethalakshmi Ramaswami College
Tiruchirappalli

VALEDICTORY ADDRESS

From AI to Eco-Intelligence: Building Digital Twins for Biodiversity, Carbon and Nature-Based Ecosystem Restoration



Dr. Sara Parwin Banu Kamaludeen
Department of Environmental Sciences
Tamil Nadu Agricultural University
Coimbatore

PRESENTATION OF REPORT



Ms. P. Kalaimathi
Lecturer
Department of Biochemistry

VOTE OF THANKS



T. Vinothini
Lecturer and Head
Department of Biotechnology