

**Technical Session - III
(for Chemistry, Zoology and Home Science)**



Dr Ananthi Sivagnanam

Founder & CEO,
Clinbiocare Technology
Research Institute, Tenkasi
"Current Trends and Applications
in Proteogenomic Approaches"

Technical Session - III (for Physics)



Shree.Keerthi Prasad

Project Manager
Fiber Optics Technologies Pvt. Ltd.
Bangalore
"Engineering the Future: Careers and
Opportunities in Fiber Optic Technologies"

**Technical Session - III
(for Computer Science)**



Ms. Sivatharsini

Tech. Lead
Albert Invent Pvt. Ltd Chennai.
"Transform your Journey :
Unlock Success"

REGISTRATION FEE

Students	: Rs.100/-
Research Scholars	: Rs.250/-
Faculty	: Rs.300/-
Industrialist	: Rs.500 /-

The registration fee covers the Conference Kit,
Participation Certificate, Lunch and
Refreshments.

Registration Link:

<https://forms.gle/JbXCJfc9qXuVvoQW7>

BANK DETAILS FOR FEE PAYMENT

NAME	: Research and Development Cell
A/C NUMBER	: 6420567728
IFSC CODE	: IDIB000K150
BANK	: Indian Bank
BRANCH	: Koodal Nagar, Madurai.

PATRONS

Dr. Sr. IGNATIUS MARY

Secretary, Fatima College

Dr. Sr. G. CELINE SAHAYA MARY

Principal, Fatima College

CONVENER

Dr. J. Asnet Mary

Asst. Professor, Dept. of Zoology

CO-CONVENERS

Dr. A. Vimala

Associate Professor, Dept. of Computer Science

Dr.Ancemma Joseph

Asst. Professor, Dept. of Physics

Dr. K. Karthiga

Asst. Professor, Dept. of Home Science

Dr. V. Arul Deepa

Asst. Professor, Dept. of Chemistry

ORGANISING COMMITTEE

RESEARCH CENTRE OF PHYSICS
RESEARCH CENTRE OF CHEMISTRY
DEPARTMENT OF ZOOLOGY
RESEARCH CENTRE OF HOME SCIENCE
DEPARTMENT OF COMPUTER SCIENCE

FOR FURTHER ASSISTANCE

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FATIMA COLLEGE (Autonomous)

Re-Accredited with 'A++' by NAAC (Cycle-IV)
Mary Land, Madurai. India.

**DST-FIST SPONSORED
NATIONAL CONFERENCE
ON**

**"Partnering for Progress :
The Industry - Academic Nexus"**



ORGANIZED BY

**Research Centre of Physics
Research Centre of Chemistry
Department of Zoology
Research Centre of Home Science
Department of Computer Science**

Date: 09 - 01- 2025

Venue: Jubilee Hall

About Fatima College

Fatima College (Autonomous), Mary Land, Madurai, is a Postgraduate College for Women affiliated to Madurai Kamaraj University. It is a Catholic Minority Institution established in 1953 and run by St. Joseph's Society of Madurai (of the Congregation of the sisters of St. Joseph of Lyon, France). This institution came into existence through the tireless efforts of the missionary sisters of St. Joseph of Lyon and the zeal and heroic sacrifice of Rev. Sr. Rose Benedicta, the Foundress of the College. The College offers 23 Undergraduate Programmes, 15 Postgraduate Programmes and 2 Professional Programmes. Seven Departments have become Research Centers. It is re-accredited with 'A++' Grade by NAAC (Cycle-IV). Fatima College was sanctioned "DST-FIST PG College Project" for the establishment of Common Instrumentation and Computational facility for innovative teaching, learning and research for the five departments, namely Research Centre of Physics, Research Centre of Chemistry, Department of Zoology, Research Centre of Home Science, and Department of Computer Science in the year 2024.

About the Conference

The National Conference on "Partnering for Progress: The Industry-Academic Nexus" sponsored by the Department of Science and Technology - Fund for Improvement of S&T Infrastructure (DST-FIST) is a pivotal platform for

fostering collaboration between academia and industry. It aims to bridge the gap between Academic & Research institutions and the corporate sector, facilitating innovative solutions to societal and industrial challenges. It can speed up the process of technology transfer, where academic discoveries are commercialized or translated into practical products. Industry players often look to academia to discover cutting-edge research that can be incorporated into their products. This conference exemplifies a strategic approach to align academic research with industrial needs, paving the way for sustainable development and national progress.

Objectives of the Program

- * To facilitate Knowledge exchange by creating platform for academicians, researchers, and industry leaders to exchange ideas, share best practices, and discuss innovative solutions to real-world problems.
- * To Strengthen collaborations by encouraging the formation of long-term partnerships between academic institutions and industries to drive research and innovation.
- * To bridge the skill gaps between academic curricula and industry requirements.
- * To build Network collaborations by connecting stakeholders from various disciplines, enabling interdisciplinary projects and ventures.

CONFERENCE SPEAKERS

Keynote Address



Dr. A. Ronaldo Anuf

Director - R & D
Scinicorn Labs Private Limited,
Marthandam, Kanyakumari Dt.
"From Campus to Corporate:
Mastering Key Skills and Meeting
Industry Expectations"

Technical Session - I



Dr. P. Shanmugavadivu

Senior Professor
Dept. of Computer Science and Applications
Gandhigram Rural Institute, Dindigul.
"Pragmatic Impact of GenAI in
Academics and Research"

Technical Session - II (for Zoology and Home Science)



Dr. Suresh Govindan

Research Head
AVN Ayurveda Formulations Pvt Ltd.
DSIR Recognised In-House R&D
Madurai.
"Ayurveda Biology to
Entrepreneurship-an eye opener"

Technical Session - II (for Physics, Chemistry and Computer Science)



Dr. Raja Murugan

Project Engineer (Flow Batteries)
High Energy Batteries (India) Ltd.
Pudukkottai
"Electrochemical Energy Storage
and Industrial Applications"