



## ST.MARY'S COLLEGE (AUTONOMOUS)

(Re-accredited with 'A+' Grade by NAAC – 4<sup>th</sup> Cycle)

Thoothukudi-628001, Tamil Nadu, India

(Affiliated to Manonmaniam Sundaranar University)

Activity	Date	Resource Person	Beneficiaries
National Conference on Recent Trends in Life Sciences	17.03.2023 – 18.03.2023	<p><b>1. Dr.C.Guruvayoorappan,</b> Associate Professor, Division of Cancer Research, Regional Cancer Centre, Medical College Post, Thiruvananthapuram.</p> <p><b>2. Dr.S.Dinakaran,</b> Associate Professor and Head, Department of Zoology, The Madura college, Madurai.</p> <p><b>3.Dr. M.Isai,</b> Assistant Professor, Research Department of Zoology, Seethalakshmi Ramaswami College (Autonomous), Tiruchirapalli</p>	155 beneficiaries
Faculty Training Programme on Techniques in Genome Biology	08.02.2023 – 10.02.2023	<p><b>1. T.Jebasingh,</b> Assistant Professor, Department of Plant Sciences, School of Biological Sciences, Madurai Kamaraj University.</p> <p><b>2. Dr.Sujatha Kabilan,</b> Assistant Professor, Lady Doak College, Madurai.</p> <p><b>3. Dr. M.Jayalakshmi,</b> Department of Immunology, School of Biological Sciences, Madurai Kamaraj University.Madurai.</p>	Faculty from our institution and various institutions

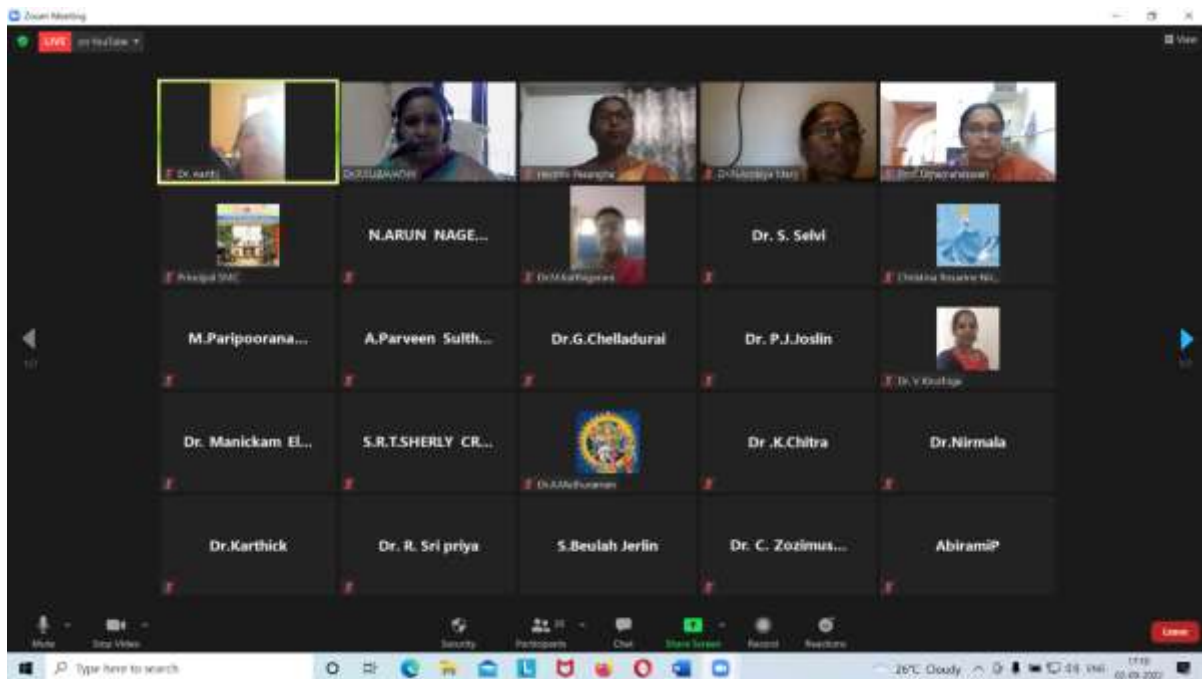
<p>Faculty Development Programme on Biotechnology Today and Tomorrow: Innovations and Implications</p>	<p>01.09.2022 – 05.09.2022</p>	<p><b>(i) Dr.M.Bavanilatha,</b> Associate Professor, Department of Biotechnology, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai.</p> <p><b>(ii) Dr. Umamaheswari,</b> Professor, Department of Biotechnology, Manonmaniam Sundaranar University, Tirunelveli</p> <p><b>iii) Dr M. Kirupa Sankar,</b> Assistant Professor (Selection Grade) Department of Biotechnology, Bannari Amman Institute of Technology, Sathyamangalam, Erode</p> <p><b>iv) Dr. Karthika Pushparaj</b> Assistant professor of Zoology School of Biosciences, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore</p> <p><b>v) Dr.S.Sudhakar</b> Professor, Department of Biotechnology, Manonmaniam Sundaranar University, Tirunelveli</p>	
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<p>In House Training Programme 'Basic Skills In Biological Sciences'</p>	<p>19.12.22 - 22.12.22</p>	<p><b>Dr. Jemma Hermelin Jesy Diaz</b> Assistant Professor, St.Mary's College (Autonomous) Thoothukudi</p> <p><b>Dr.M.Paripooranaselvi</b> Assistant Professor, St.Mary's College (Autonomous) Thoothukudi</p> <p><b>Dr.P. Subavathy</b> Assistant Professor, St.Mary's College (Autonomous) Thoothukudi &amp;</p> <p><b>Dr.R. Sri Priya</b> Assistant Professor, St.Mary's College (Autonomous) Thoothukudi</p>	<p>146 students</p>
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## Faculty Development Programme

### Biotechnology Today and Tomorrow: Innovations and Implications

A Faculty Development Programme on Biotechnology Today and Tomorrow: Innovations and Implications was conducted by the Marian Star Centre, St. Mary's College and PG and Research Department of Zoology, St. Mary's College from 01.09.2022 to 05.09.2022. Dr.M.Bavanilatha, Associate Professor, Department of Biotechnology, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai, Dr. Umamaheswari, Professor, Department of Biotechnology, Manonmaniam Sundaranar University, Tirunelveli, Dr M. Kirupa Sankar, Assistant Professor (Selection Grade) Department of Biotechnology, Bannari Amman Institute of Technology, Sathyamangalam, Erode, Dr. Karthika Pushparaj, Assistant professor of Zoology School of Biosciences, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore and Dr.S.Sudhakar, Professor, Department of Biotechnology, Manonmaniam Sundaranar University, Tirunelveli were the resource person. 47 participants were benefitted out of the programme.



## **Faculty Training Programme on “Techniques in Genome Biology”**

A Faculty Training Programme on “Techniques in Genome Biology” was conducted by the Marian Star Centre, St. Mary’s College and PG and Research Department of Zoology, St. Mary’s College from 8.02.2023 to 10.02.2023. Dr. T.Jebasingh, Assistant Professor, Dept of Plant Sciences, School of Biological Science, Madurai Kamaraj University, Dr.Sujatha Kabilan, Assistant Professor, Lady Doak College, Madurai, Dr.M.Jayalakshmi, Department of Immunology, School of Biological Science, Madurai Kamaraj University and Dr. A. Mahalakshmi, Assistant Professor, PG and Research Department of Zoology, Lady Doak College (Autonomous), Madurai were the resource person. 16 participants were benefitted out of the programme.









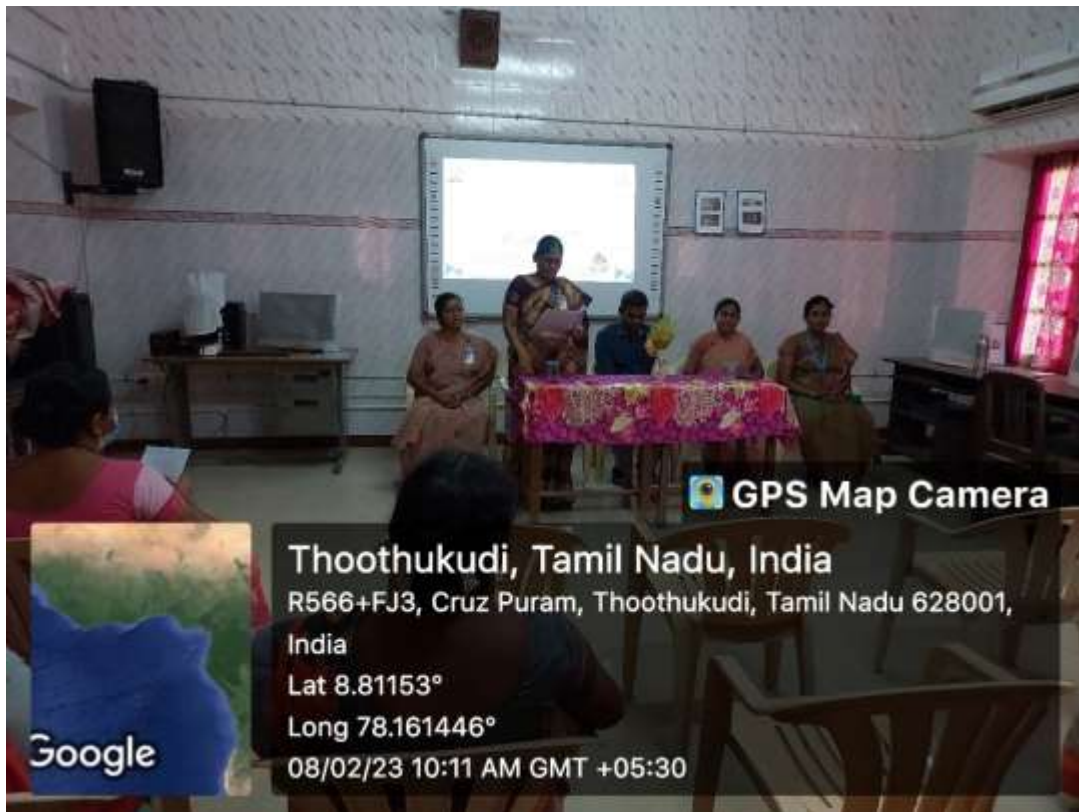




GPS Map Camera

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## **National Conference on Recent Trends in Life Sciences - Report**

**17.03.2023 and 18.03.2023**

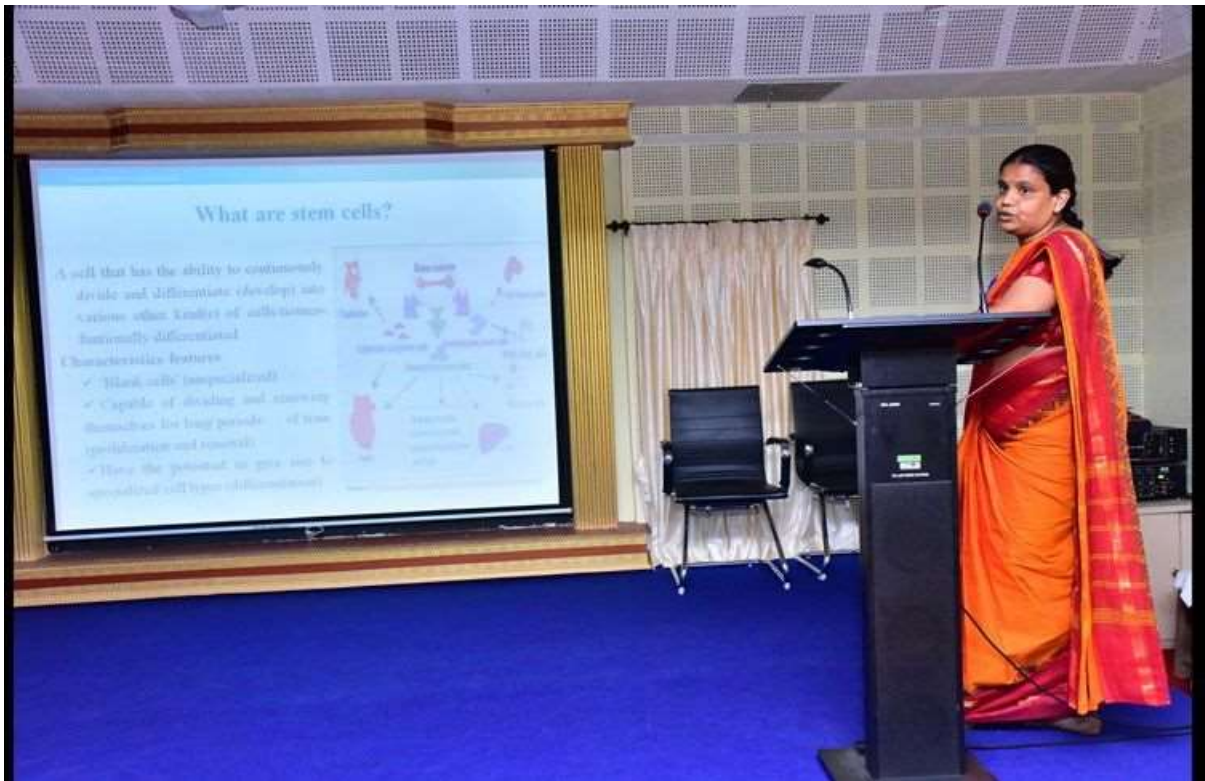
PG and Research Department of Zoology, St. Mary's College (Autonomous) Thoothukudi organized a two day National Conference on "Recent Trends in Life Sciences" from 17<sup>th</sup> March to 18<sup>th</sup> March 2023. Dr.G. Guruvayoorappan, Associate Professor, Division of Cancer Research, Regional Cancer Centre, Medical College Post, Thiruvananthapuram, inaugurated the programme and delivered the inaugural address. He addressed the audience on "Targeting Tumour Metastasis using Natural Products". Dr. S. Dinakaran, Associate Professor and Head, Department of Zoology, Madura College, Madurai was the resource person for the afternoon session. He delivered a lecture on "Aquatic Insect Vectors" He emphasized the importance of aquatic insects and their importance in maintaining aquatic health. On 18<sup>th</sup> March for the morning session Dr.M.Isai, Assistant Professor, Research Department of Zoology, Seethalakshmi Ramaswamy College (Autonomous) Thiruchirapalli was the resource person. She delivered a lecture on "*in vitro* Differentiation of Human Bone Marrow and Neural Progenitor Stem Cells ( ReNcell CX ) towards Retinogenic Fate". Dr.P.Padmavathy, Professor and Head, Department of Aquatic Environment Management, Fisheries College and Research Institute, Tamil Nadu Dr. Jayalalithaa Fisheries University, Thoothukudi was the resource person for the afternoon session. She made an impressive presentation on "Restoration and Conservation of Seagrass Ecosystem". Seagrasses are the vital part of marine ecosystem in the Gulf of Mannar. Two paper presentation sessions were conducted with Dr.P.J.Joslin, Associate Professor of Zoology, Research Coordinator, St. Mary's College (Autonomous) Thoothukudi as the rapporteur. 13 research papers were presented by research scholars in varied fields of life sciences in the conference. Best Paper Presenter Awards were presented. Research papers presented in the conference were reviewed and published as proceedings with ISBN.















## **An in-house training on ‘Basic Skills in Biological Sciences’**

**19.12.22 to 22.12.22**

An in-house training in ‘Basic Skills in Biological Sciences’ for the undergraduate students of the St. Mary’s College (Autonomous), Thoothukudi, was organized by the Department of Zoology between 19.12.22 to 22.12.22. Hands on training on various techniques that are included in the syllabus was taught to the students by the faculty of Department of Zoology. The training was focused on giving practical exposure to the theoretical aspects included in the syllabus, that are not included in the practicals. The students were divided into groups and were allowed to perform the experiments. Each student was given an opportunity to handle the experiments. The instructors of the programme Dr. Jemma Hermelin Jesy Diaz, Dr. Sri Priya, Dr.M.Paripooranaselvi and Dr.P.Subavathy imparted training to the students. Totally 146 students were benefitted out through this in house training programme.



