

## **CRITERION III -RESEARCH, INNOVATIONS AND EXTENSION**

### **3.4 Research Publications and Awards**

**3.4.1 The Institution ensures implementation of its stated Code of Ethics for research. The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following:**

#### **Minutes of the research forum 2022- 2023**

**Date 10- 5-2022**

The meeting was held on 10<sup>th</sup> May 2022. The Research co-ordinator Dr. P.J. Joslin led the meeting. The members of the research advisory committee discussed the hosting of the National Conference.

#### **Agenda**

1. To discuss the challenges and opportunities involved in implementing outcome-based research approaches.
2. To discuss the challenges and opportunities involved in implementing outcome-based research approaches.
3. To discuss the challenges and opportunities involved in implementing outcome-based research approaches.

#### **Action Taken**

National Conference on “Outcome-Based Research: A Path to Innovation” Organized on 30th May 2022.

  
**Research Coordinator**  
Research Coordinator  
St. Mary's College (Autonomous)  
Thoothukudi-628 001.

  
**Principal**  
St. Mary's College (Autonomous)  
Thoothukudi-628 001.

**St. Mary's College (Autonomous) Thoothukudi**  
**Outcome-Based Research: A Path to Innovation**



**Report**

Mariam Research Forum organized a National Conference on “Outcome-Based Research: A Path to Innovation” on 30th May 2022. Dr. P. Joslin, Associate Professor of Zoology and Research Coordinator, welcomed the gathering and introduced the Chief Guest, Dr. T. Peter Amaladhas, Associate Professor of Chemistry at V. O. C. College, Thoothukudi.

Principal Rev. Dr. Sr. A. S. J. Lucia Rose delivered the Presidential address, and Rev. Sr. Josephine Jeyarani, Director of Self Supporting Courses, felicitated the gathering.

The Chief Guest delivered a speech on “Outcome-Based Research: A Path to Innovation,” providing insights into the nuances of research, including the importance of publication ethics, selecting reputable journals, and conducting plagiarism checks. He elaborated on the process of preparing a quality research paper and encouraged PG students and M. Phil scholars to contribute to reputed journals. Dr. Subavathy, Assistant Professor of Zoology, delivered the vote of thanks.

The second session featured paper presentations by PG students and M. Phil scholars from eleven departments. Chairpersons were invited from various colleges, and the best papers were selected for awards during the Valedictory Function.

The Valedictory Function commenced at 4:00 PM, with Dr. Selvam, Assistant Professor of Geology, presiding over the event. Dr. K. Vinitha, Librarian, welcomed the gathering, and the Chief Guest encouraged scholars to continue publishing research papers with innovation. Certificates and cash awards of Rs. 500 were distributed to the best paper presenters, and Dr. Anuradha, Assistant Professor of Economics, delivered the vote of thanks and the program concluded with the College Anthem.

*P. S. Joslin*  
**Research Coordinator**  
Research Coordinator  
St. Mary's College (Autonomous)  
Theethukudi-628 001.

*Lucia Rose*  
**Principal**  
St. Mary's College (Autonomous)  
Theethukudi-628 001.

## **Minutes of the research forum meeting**

**Date : 21- 7- 2022**

On the 27<sup>th</sup> of July, 2022, Dr. P.J. Joslin, the research coordinator, led the meeting. The members of the Research Advisory Committee actively participated in a productive discussion concerning the planning and execution of the upcoming IPR Awareness Webinar.

### **Agenda**

1. To educate participants about the various types of intellectual property rights including patents, trademarks, copyrights, and trade secrets.
2. To educate participants about the various types of intellectual property rights (IPRs) including patents, trademarks, copyrights, and trade secrets.
3. To educate participants about the various types of intellectual property rights (IPRs) including patents, trademarks, copyrights, and trade secrets.

### **Action Taken**

Marian Research Forum and the National Intellectual Property Awareness Mission (NIPAM) collaborated to organize an online "Awareness Programme on Intellectual Property Rights (IPR)" on 29th July 2022.

*P. J. Joslin*  
**Research Coordinator**  
Research Coordinator  
St. Mary's College (Autonomous)  
Theethukudi-628 001.

*Lucia Rose*  
**Principal**  
St. Mary's College (Autonomous)  
Theethukudi-628 001.

## St. Mary's College (Autonomous) Thoothukudi

### Awareness Programme on Intellectual Property Rights (IPR)

The screenshot shows a Webex meeting interface. The main window displays a presentation slide titled "WHAT'S INTELLECTUAL PROPERTY (IP)?". The slide content includes:

- Intellectual property (IP)** is a property that arises from *human intellect*. It is a product of human creation.
- IP is "*Creative ideas & expressions of human mind (intellect)*"
- Examples:**
  - Project
  - Poem/Lyrics
  - Story
  - Drawing
  - Photography
  - Design
  - Logo/slogan
  - Mobile app
  - etc.

A diagram on the right side of the slide shows a funnel with "Brain" at the top, "Innovation" in the middle, and "Labor" at the bottom, leading to "Property".

The meeting interface includes a top bar with "Meeting Info" and "Show Menu Bar". The bottom bar shows "Unmute", "Start video", "Share", and "Apps". The right sidebar shows a list of participants (255) and a chat window.

The screenshot shows a Webex meeting interface. The main window displays a presentation slide titled "UTILIZATION AND COMMERCIALIZATION". The slide content includes:

- A central box labeled "Earn" is surrounded by four boxes: "Own Use", "License or Assign", "Franchise", and "Merchandise (Disney)".

The meeting interface includes a top bar with "Meeting Info" and "Show Menu Bar". The bottom bar shows "Unmute", "Start video", "Share", and "Apps". The right sidebar shows a list of participants (275) and a chat window.

## Report

Marian Research Forum and the National Intellectual Property Awareness Mission (NIPAM) jointly organized an online "Awareness Programme on Intellectual Property Rights (IPR)" on 29th July 2022 at 4 p.m. Dr. P. Joslin, Research Coordinator and Associate Professor of Zoology, warmly welcomed the participants and introduced the chief guest, Mr. A. Seetha Raman, Examiner of Patents and Designs at the Patent Office, Chennai.



In his address, the Chief Guest elucidated various aspects of IPR, including defining IP, distinguishing between utilization and commercialization, emphasizing the significance of trademarks, trade secrets, copyrights, and Geographic Indications (GI). He also highlighted career opportunities in government roles such as Examiner of Patents and Designs, Trademark and GI, and Examiner of Copyrights, as well as in private sectors like Patent Agent, Trademark Agent, and roles in Patent Facilitation centers. The session concluded with an interactive quiz and Q&A session, where participants had the opportunity to clarify their doubts.

The programme catered to Research Guides, Heads of Departments, Research Scholars, as well as undergraduate and postgraduate students from various disciplines. Dr. K. Vinitha, Librarian, extended gratitude in the vote of thanks, concluding the enlightening session.

*P. S. Joslin*  
**Research Coordinator**  
Research Coordinator  
St. Mary's College (Autonomous)  
Theothukudi-628 001.

*Lucia Rose*  
**Principal**  
Principal  
St. Mary's College (Autonomous)  
Theothukudi-628 001.

## **Minutes of the research forum meeting**

**Date : 14- 9- 2022**

The meeting was convened on 14th September 2022, with Dr. P.J. Joslin, the research coordinator, presiding over the proceedings. Members of the research advisory committee deliberated on organizing an online quiz focusing on the "National Education Policy 2020."

### **Agenda**

1. To increase awareness among participants about the key objectives, principles, and provisions outlined in the National Education Policy 2020
2. To encourage participants to understand the fundamental shifts and reforms proposed in the education sector through the NEP 2020.
3. Facilitate a learning experience where participants can enhance their understanding of educational policies and reforms through interactive quizzes.

### **Action Taken**

Quiz Club, Library Committee and Marian Research Forum of St. Mary's College (Autonomous), Thoothukudi organized an online Quiz on "National Educational Policy – 2020" on 24<sup>th</sup> September 2022.

  
**Research Coordinator**  
Research Coordinator  
St. Mary's College (Autonomous)  
Thoothukudi-628 001.

  
**Principal**  
St. Mary's College (Autonomous)  
Thoothukudi-628 001.

## **St. Mary's College (Autonomous) Thoothukudi**

### **Quiz on "National Educational Policy –2020"**

#### **Report**

The Quiz Club, Library Committee, and Marian Research Forum of St. Mary's College (Autonomous), Thoothukudi, collaborated to organize an online Quiz on "National Educational Policy –2020" on 24th September 2022 at 4:00 pm. A total of 668 students enthusiastically participated in the quiz.

Special wishes and encouragement were conveyed by Rev. Dr. Sr. C. Shibana, Secretary, Rev. Dr. Sr. A. S. J. Lucia Rose, Principal, and Rev. Dr. Sr. Kulandai Therese, Deputy Principal, to motivate the participants and acknowledge the significance of the event.

*P. S. Joslin*  
**Research Coordinator**  
Research Coordinator  
St. Mary's College (Autonomous)  
Thoothukudi-628 001.

*Lucia Rose*  
**Principal**  
St. Mary's College (Autonomous)  
Thoothukudi-628 001.



## **Minutes of the research forum meeting**

**Date : 19.09.2022.**

On 19th September 2022, Dr. P.J. Joslin, the research coordinator, chaired the meeting where the members of the Research Advisory Committee engaged in a fruitful discussion regarding the organization of the National Level Online Competition "MICROBEIN CONTEST."

### **Agenda**

1. To stimulate interest and curiosity among participants, in the field of microbiology and related scientific disciplines.
2. To provide a platform for participants to learn about different aspects of microbiology, including microbial diversity, applications, and current research trends.
3. To encourage participants to develop innovative solutions or ideas related to microbiology challenges or applications.

### **Action Taken**

Marian Research Forum and the Microbiologist Society of India collaborated to organize a National Level Online Competition "MICROBEIN CONTEST" on 11th October 2022.

  
**Research Coordinator**  
Research Coordinator  
St. Mary's College (Autonomous)  
Theothukudi-628 001.

  
**Principal**  
St. Mary's College (Autonomous)  
Theothukudi-628 001.

## St. Mary's College (Autonomous) Thoothukudi

### MICROBEIN CONTEST

#### Report

Marian Research Forum and the Microbiologist Society of India joined forces to host a National Level Online Competition "MICROBEIN CONTEST" on 11th October 2022. The competition featured three distinct categories: Quiz, E-Poster, and Petri Art—a unique blend of science and arts. Enthusiastic participation was witnessed from undergraduate, postgraduate, and Ph.D. scholars representing various esteemed institutions such as The American College, Madurai; Holy Cross College, Nagercoil; Thiagarajar College and Fatima College from Madurai; Sadhakathulla Appa College and Sarah Tucker College from Tirunelveli; St. Xavier's College, Palayamkotai; Presidency College; and Women's Christian College, Madras.

A total of forty students participated in the Online Quiz, eleven students in the Poster making competition, and seven students in the Petri Art competition.

The Prize Winners for each competition category are as follows:

- Quiz Competition:
  - First Prize: Mr. J. B. Praveen Kumar, II B.Sc Microbiology, Thiagarajar Arts and Science College, Madurai
  - Second Prize: Ms. C. Samitha, III B. SC Microbiology, Thiagarajar College of Arts and Science, Madurai
- E-Poster Competition:
  - First Prize: Ms. K. Leela, Ph.D. Research Scholar in Biotechnology, Women's Christian College (Autonomous), Chennai
  - Second Prize: Ms. S. Shanmugasundari, Ph.D. Research Scholar in Zoology, St. Mary's College (Autonomous), Thoothukudi
- Petri Art Competition:
  - First Prize: Ms. A. Amaladeshma, Ph.D. Research Scholar in Microbiology, Presidency College, Chennai
  - Second Prize: Ms. P. Kanthimathi, Ph.D. Research Scholar in Zoology, St. Mary's College (Autonomous), Thoothukudi

  
**Research Coordinator**  
Research Coordinator  
St. Mary's College (Autonomous)  
Thoothukudi-628 001.

  
**Principal**  
St. Mary's College (Autonomous)  
Thoothukudi-628 001.

## **Minutes of the research forum meeting**

**Date : 13.10.2022.**

On 13th October 2022, Dr. P.J. Joslin, the research coordinator, chaired the meeting where the members of the Research Advisory Committee engaged in a fruitful discussion regarding the planning and execution of the upcoming release of the Marian Quest Journal.

### **Agenda**

1. To highlight the scholarly contributions and academic rigor showcased in the latest edition of the 'Marian Quest' journal.
2. To recognize and celebrate the efforts of researchers, scholars, and contributors who have contributed to the journal's publication.
3. To provide a platform for the dissemination of research findings and facilitate knowledge exchange among academia, researchers, and practitioners across diverse disciplines.

### **Action Taken**

Marian Research Forum hosted the Journal Release Ceremony for the Bi-annual Multidisciplinary Journal, 'Marian Quest,' on 7th November 2022.

*P. J. Joslin*  
**Research Coordinator**  
Research Coordinator  
St. Mary's College (Autonomous)  
Theothukudi-628 001.

*Lucia Rose*  
**Principal**  
St. Mary's College (Autonomous)  
Theothukudi-628 001.

**St. Mary's College (Autonomous) Thoothukudi**  
**Bi-annual Multidisciplinary Journal, 'Marian Quest'**



## Report

Marian Research Forum organized the Journal Release Ceremony for the Bi-annual Multidisciplinary Journal, the 'Marian Quest,' on 7th November 2022. Dr. P. Joslin, Associate Professor of Zoology and Research Coordinator, extended a warm welcome to the gathering. Dr. Sr. A.S.J. Lucia Rose, Principal, graced the event with her felicitation. The esteemed Chief Guest, Dr. P. Sivasubramanian, Associate Professor of Geology at V. O. Chidambaram College, Thoothukudi, unveiled the journal 'Marian Quest,' presenting the first copy to the Principal.

During the ceremony, a total of 65 Faculty and Research Scholars, recognized for their publications in Scopus, WoS-indexed journals, SCI-indexed journals, UGC Care Listed journals, Book Publications, Patents, and those involved in research consultancies, were honored with a memento and a cash award of Rs. 500 each.

Dr. P. Sivasubramanian, in his keynote speech on "Significance of Research Publications," emphasized the importance of selecting research topics and outlined the essential steps in writing an article. He underscored the significance of choosing journals with high impact factors, addressed issues related to plagiarism, and discussed publication metrics.

The lecture benefitted Research Guides, Heads of Departments, Research Scholars, and Postgraduate students from research departments, equipping them with valuable insights to embark on new ventures in the realm of research.

*P. S. Joslin*  
**Research Coordinator**  
Research Coordinator  
St. Mary's College (Autonomous)  
Thoothukudi-628 001.

*Lucia Rose*  
**Principal**  
St. Mary's College (Autonomous)  
Thoothukudi-628 001.

## **Minutes of the research forum meeting**

**Date : 28- 1- 2023**

Under the guidance of Dr. P.J. Joslin, the research coordinator, a meeting was convened on 28th January 2023. The members of the Research Advisory Committee actively participated in a productive discussion concerning the planning and execution of the upcoming International Webinar.

### **Agenda**

1. To provide participants with insights into the essential elements and strategies required to publish research articles in high-impact journals.
2. To discuss best practices, methodologies, and techniques for conducting research and preparing manuscripts that meet the standards of high-impact journals.
3. To identify common challenges and obstacles faced by researchers during the publication process and provide practical solutions and tips to overcome them.

### **Action Taken**

Marian Research Forum organized an International webinar on "Keys to Publish in High Impact Journals" through the Zoom platform on 07.02.2023.

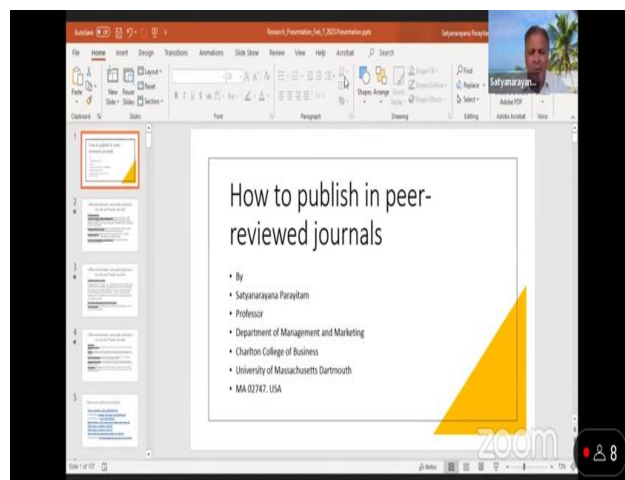
*P. J. Joslin*  
**Research Coordinator**  
Research Coordinator  
St. Mary's College (Autonomous)  
Theethukudi-628 001.

*Lucia Rose*  
**Principal**  
St. Mary's College (Autonomous)  
Theethukudi-628 001.



## St. Mary's College (Autonomous) Thoothukudi

### Keys to Publish in High Impact Journals



### Report

On 7th February 2023, an International webinar on "Keys to Publish in High Impact Journals" was organized through the Zoom platform. Dr. Satyanarayana Parayitam, Professor of Management and Marketing at the Charlton College of Business, University of Massachusetts Dartmouth, USA, served as the resource person. He emphasized the significance of writing quality papers to advance knowledge and foster communication within the academic community. Dr. Parayitam highlighted the distinction between predatory and premier journals and provided insights on how to identify predatory and cloned journals effectively. A total of 135 participants from various fields actively engaged in the seminar, making the session highly interactive and well-received.

*P. S. Joslin*  
**Research Coordinator**  
Research Coordinator  
St. Mary's College (Autonomous)  
Thoothukudi-628 001.

*Lucia Rose*  
**Principal**  
St. Mary's College (Autonomous)  
Thoothukudi-628 001.

## **Minutes of the research forum meeting**

**Date : 17- 2- 2023**

On 17th February 2023, Dr. P.J. Joslin, the research coordinator, chaired the meeting where the members of the Research Advisory Committee engaged in a fruitful discussion regarding the organization of the National Level Online Competition Sci-Contest-2023

### **Agenda**

1. To encourage participants to engage in scientific exploration and inquiry across various disciplines.
2. To stimulate creativity and innovation among participants by challenging them with scientific problems and tasks.
3. To provide a platform for participants to effectively communicate scientific concepts, findings, and innovations.

### **Action Taken**

Marian Research Forum organized Sci-Contest 2023, a national-level online competition, on 28th February 2023.

*P. J. Joslin*  
**Research Coordinator**  
Research Coordinator  
St. Mary's College (Autonomous)  
Theethukudi-628 001.

*Lucia Rose*  
**Principal**  
St. Mary's College (Autonomous)  
Theethukudi-628 001.

**St. Mary's College (Autonomous) Thoothukudi**  
**Sci-Contest 2023, a national-level online competition**

**Report**

In commemoration of National Science Day, the Marian Research Forum organized Sci-Contest 2023, a national-level online competition, on 28th February 2023. The competitions included Quiz, e-Poster, and Video Making categories. Participants from undergraduate, postgraduate, and research scholar levels from various colleges actively participated. E-certificates were distributed to all participants, and prizes were awarded to the first and second-place winners.

*P. S. Joslin*  
**Research Coordinator**  
Research Coordinator  
St. Mary's College (Autonomous)  
Thoothukudi-628 001.

*Lucia Rose*  
**Principal**  
St. Mary's College (Autonomous)  
Thoothukudi-628 001.

## **Minutes of the research forum meeting**

**Date : 22.03.2023**

On March 22nd, 2023, Dr. P.J. Joslin, serving as the research coordinator, presided over a meeting during which members of the Research Advisory Committee engaged in a productive discussion concerning the arrangement of the conference.

### **Agenda**

1. To explore innovative and integrative approaches to enhance the quality and impact of research publications
2. To provide a platform for discussing ethical considerations and best practices in research publication.
3. To showcase emerging technologies and tools that facilitate the dissemination and accessibility of research findings.

### **Action Taken**

Marian Research Forum organized a conference on “Research Publication: An Integrative and Dynamic Approach “on 19th April 2023.

*P. J. Joslin*  
**Research Coordinator**  
Research Coordinator  
St. Mary's College (Autonomous)  
Theethukudi-628 001.

*Lucia Rose*  
**Principal**  
St. Mary's College (Autonomous)  
Theethukudi-628 001.

**St. Mary's College (Autonomous) Thoothukudi**  
**Research Publication: An Integrative and Dynamic Approach**



## Report

On April 19th, 2023, the Marian Research Forum hosted a conference titled "Research Publication: An Integrative and Dynamic Approach." Dr. P. Joslin, Assistant Professor of Zoology and Research Coordinator, extended a warm welcome to the attendees. Reverend Sister Dr. A.S.J. Lucia Rose, Principal, delivered the presidential address, while Reverend Sister Dr. Kulandhai Therese, Deputy Principal, felicitated the gathering. The Principal honored the esteemed Chief Guest, Dr. P. Ravi, Professor and Head of the Department of Management Studies at Manonmanian Sundaranar University, Tirunelveli. Dr. P. Ravi, the Chief Guest, delivered an insightful speech titled "Increasing Research Visibility," wherein he eloquently elaborated on the significance of research and elucidated the concepts of 'Why, What, and How' regarding research endeavors. Drawing from various fields, he provided engaging examples infused with wisdom and humor, effectively conveying the credibility and visibility of research to the enthralled audience. Dr. Vinitha, the Librarian, expressed gratitude on behalf of the gathering.

Subsequently, 50 students from diverse departments presented their research papers, with the best paper presenters receiving certificates of recognition. Additionally, the winners of the Science Day celebration were duly acknowledged and honored. The valedictory session commenced at 4 p.m., with Reverend Sister Dr. C. Shibana, the Secretary, delivering the valedictory address. The session proved beneficial to research guides, Heads of Departments, research scholars, and postgraduate students, equipping them with knowledge to embark on new ventures in the realm of research.

  
**Research Coordinator**  
Research Coordinator  
St. Mary's College (Autonomous)  
Theothukudi-628 001.

  
**Principal**  
St. Mary's College (Autonomous)  
Theothukudi-628 001.