



St. Mary's College (Autonomous)
Reaccredited with 'A+' Grade by NAAC (Cycle IV)
Thoothukudi



Criterion: III – Research Innovation and Extension
3.7 Collaboration. Year 2018-2023



3.7.1 Number of functional MoUs /linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years

➤ **MoU Activities 2019 - 20**

Year of signing MoU	Name of the organization with whom MOU/Collaboration being signed	Duration	Purpose of MOU/Collaboration	List the actual activities under each MOU year-wise	Date of the activity conducted
2019	Government Museum, Thirunelveli	3	Academic Collaboration	Practical Classes on Measurements of Iconography	03.09.2019
2019	Government Museum, Thirunelveli	3	Academic Collaboration	Spot Study - Government Museum, Madurai	07.09.2019
2019	Government Museum, Thirunelveli	3	Academic Collaboration	Practical Classes on Estampage	12.12.2019
2019	Government Museum, Thirunelveli	3	Academic Collaboration	Ms. S. Sathyavalli, District Curator, Government Museum, Tirunelveli gave a speech on Museology	22.07.2019

2019	Government Museum, Thirunelveli	3	Academic Collaboration	Preservation of Cultural Heritage	03.07.2019
2015	Biozone Research Technologies Pvt. Ltd	5	Academic Collaboration	Faculty Development Programme on Natural Product Research	02.01.2020 to 04.01.2020
2016	Centre for Bioscience and Nanoscience Research, Coimbatore	3	Academic Collaboration	Hands on Training	27.09.2019 & 28.09.2019



Louis Rose

Principal

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

St. Mary's College (Autonomous)-Thoothukudi
Department of History–MoU

- Memorandum of Understanding (MOU) was signed with the Government Museum, Tirunelveli on 22nd July 2019.
- Dr. M. Mary Hepsibai, Mrs. A. MaliniApsala, Dr. S.M. Vimala and Dr. D. Vinobha Gladis and third UG Students have attended a one day work shop on **Preservation of Cultural Heritage** at Government Museum, Tirunelveli on 3rd August 2019.



Estampage Training Programme by Rtd. Archaeologist Mr.Chandravanam, and Mr.Ulaganathan,
Epigraphist at GopalSwamy Temple, Tirunelveli





B. Serena Margaret
IQAC Coordinator
IQAC Co-ordinator
St. Mary's College (Autonomous)
Thoothukudi

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

St. Mary's College (Autonomous)-Thoothukudi

Department of History–MoU

- Memorandum of Understanding (MOU) was signed with the Government Museum, Tirunelveli on 22nd July 2019.



- The MOU meeting was held on 22nd July 2019 in Star Hall. Ms. S. Sathyavalli, District Curator, Government Museum, Tirunelveli gave a speech on Museology and the Preservation of Museum.



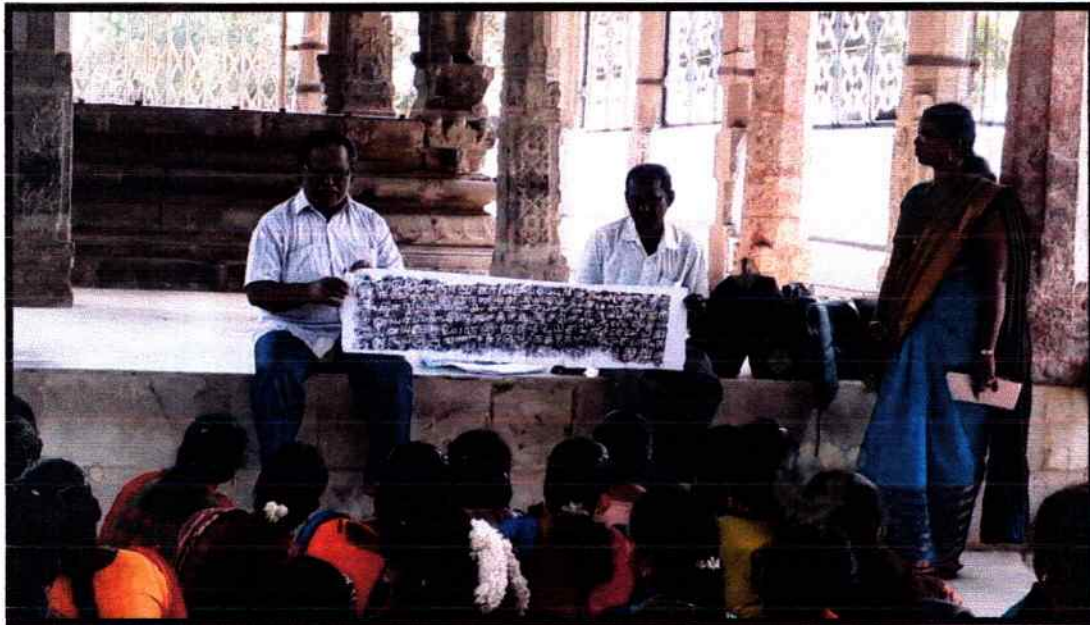
Lewis Rose
Principal
St. Mary's College (Autonomous)
Thoothukudi-628 001.

St. Mary's College (Autonomous) Thoothukudi

Department of History
MOU ACTIVITY
Spot Study (12.12.2019)

Photos

PRACTICAL CLASS - ESTAMPAGE
2019-20



Report

On 12th December 2019, Spot Study was conducted to I PG and II PG students on Epigraphy at Gopalaswamy Perumal Temple, Tirunelveli. Ms. Sathiyavalli, Government Museum, Curator, Tirunelveli and Dr. Chandravanam, Retired Archaeology Officer and Ulaganathan taught the practical classes on the Estamphages of the Inscriptions. Students took Estamphages of the Inscription in the Temple and practiced it.

Dr. May The

Head of the Department

B. Selena Margaret

IQAC Coordinator

IQAC - Co-ordinator

St. Mary's College (Autonomous)
Thoothukudi

Lucia Rose

Principal

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

St. Mary's College (Autonomous)-Thoothukudi

Department of History

MoU Activity - Spot Study – Iconography and Architecture Krishnapuram Temple

2021-2022



Report

Spot Study for III UG, I and II PG students was undertaken on 7th December 2021 to Krishnapuram Temple and Government Museum, Tirunelveli. **Mr. Muthalankurichi Kamarasu, Writer and Ms. S. Sathiyavalli, District Curator, Government Museum, Tirunelveli** were explained the significance of architecture and sculptures of Krishnapuram Temple.

B. Serina Margaret
IQAC Coordinator
IQAC Co-ordinator
St. Mary's College (Autonomous)
Thoothukudi

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

Faculty Development Programme on Natural Product Research (02.01.2020 to 04.01.2020)

➤ Invitation

STAR COLLEGE PROGRAMME
2019 - 2020
Sponsored By
DEPARTMENT OF BIOTECHNOLOGY
GOVT. OF INDIA, NEW DELHI



**Faculty Development Programme
On
Natural Product Research**
2nd - 4th January 2020
Organised By



Marian Star Centre
School of Biological Sciences
St. Mary's College (Autonomous)
(Re-accredited by NAAC with 'A+' Grade)
Thoothukudi-628001.
E-mail : marianstarcentredbt2019@gmail.com
smctuty@gmail.com

Collaboration with



Biozone Research Technologies Pvt. Ltd.
Zamin Pallavaram, Chennai
Recognized by
DSIR, Ministry of Science and Technology
Govt. of India, New Delhi
mail id: biozone.info@gmail.com



Day I
Computer aided Drug designing
Resource person
Dr. Aneesh Nair, Scientist and Head Operations
Biozone Research Technologies Pvt. Ltd.

Day II
Extraction and Bioassay guided purification
Resource person
Mr. D. Shanmugha Sundar, Senior Researcher & Ms. S. Chandraleka, Junior Researcher
Biozone Research Technologies Pvt. Ltd.

Day III
Phytopharmacognostical Evaluation
Resource person
Mr. D. Shanmugha Sundar, Senior Researcher & Ms. S. Chandraleka, Junior Researcher
Biozone Research Technologies Pvt. Ltd.

Organizing Committee
Patron
Rev. Sr. Flora Mary, Secretary, St. Mary's College (Autonomous) Thoothukudi
Chairman
Rev. Dr. Sr. A.S.J. Lucia Rose, Principal, St. Mary's College (Autonomous), Thoothukudi
Convenors
Dr. M. Glory, Associate Professor and Head, Department of Botany, St. Mary's College (Autonomous), Thoothukudi
Dr. Mrs. Hermin Pasangha, Associate Professor and Head, Department of Zoology
St. Mary's College (Autonomous), Thoothukudi
Programme Coordinator
Dr. Arockia Jenecius Alphonse
Overall Coordinator & Member Secretary, DBT Star College Scheme
Assistant Professor of Botany, St. Mary's College (Autonomous) Thoothukudi
Department Coordinators
Dr. G. Flora, Assistant Professor of Botany, St. Mary's College (Autonomous), Thoothukudi
Dr. Jemma Hermelin Jesy Diaz, Assistant Professor of Zoology, St. Mary's College (Autonomous), Thoothukudi
Executive Members
Department of Botany
Dr. A. Jacintha Tamil Malar, Assistant Professor of Botany
Dr. S. Beulah Jerlin, Assistant Professor of Botany
Dr. E. Daffodil D Almeida, Assistant Professor of Botany
Dr. F. Dayana Lobo, Assistant Professor of Botany
Dr. B. Maria Sumathi, Assistant Professor of Botany
Ms. S. Pauline Jennifer, Assistant Professor of Botany
Dr. R. Mary Santhi, Assistant Professor of Botany
Dr. V. Soumya, Assistant Professor of Botany
Dr. T. Sudha, Assistant Professor of Botany
Department of Zoology
Dr. N. Arockiya Mary, Associate Professor of Zoology
Dr. P. J. Joslin, Associate Professor of Zoology
Dr. S. Mary Baptista Janet, Associate Professor of Zoology
Dr. S. C. Shibana, Assistant Professor of Zoology
Dr. S. R. T. Shirley Cross, Assistant Professor of Zoology
Ms. S. Selvi, Assistant Professor of Zoology
Dr. R. Sri Priya, Assistant Professor of Zoology
Dr. M. Paripooranaseelvi, Assistant Professor of Zoology
Dr. P. Subavathy, Assistant Professor of Zoology

➤ Photos



➤ Certificate



➤ Report

A three - day Faculty Development programme on Natural Product Research was conducted by the school of Biological Sciences under the Star College Programme of St.Mary's College (Autonomous) Thoothukudi on 2nd to 4th January 2020. Dr. Aneesh Nair, Scientist and Head of Operations, Mr. Shanmuga Sundaram, Senior Researcher, Ms. Chandralekha, Junior Researcher of Biozone Research Technologies, Pvt. Ltd. Chennai were the resource persons. Faculty of School of Biological Sciences (Departments of Botany and Zoology) participated in the faculty Development Programe. Dr. Aneesh Nair gave a hands-on training on various softwares for drug designing and docking. Mr. Shanmuga Sundaram and Ms. Chandralekha demonstrated experiments to

extract bioactive compounds from natural products. They also taught the participants various assays to validate the bioactive compounds of the extract. It included assays for antioxidant, antidiabetic and anti-inflammatory activity. The two-day FDP was very helpful for faculty whose research area is identifying and prospecting bioactive compounds from natural products.


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

TWO-DAY HANDS-ON TRAINING ON BACTERIAL ISOLATION, IDENTIFICATION AND BIOFILM FORMATION

As part of the Memorandum of Understanding (MoU) between St. Mary's College, Thoothukudi, and the Centre for Bioscience Nanoscience Research (CBNR) in Coimbatore, a two-day hands-on training was held on September 27th and 28th, 2019, at CBNR. Dr. G. Flora, Assistant Professor of Botany, along with students from various science Departments at St. Mary's College, J. Emelda Agnes Fernando, P. Santhana Thiyaga Lakshmi, and X. Agustina from III B.Sc. Physics; K. Sherine from III B.Sc. Zoology; C. Muthu Valliammal and K. Ebina from III B.Sc. Botany; and A. Infy Shiny, S. Mareeawari, and S. Dhishani Athiba from III B.Sc. Chemistry participated in this training. This training programme was conducted by Dr. Ragunathan, Director of CBNR, and Dr. Kabesh, Biotechnologist at CBNR, the training covered essential techniques in bacterial isolation, identification, and biofilm formation. This workshop equipped students with practical microbiological skills, serving as foundational preparation for their interdepartmental project on "Bacterial Degradation of Microplastics," a topic of significant environmental interest. Through this training, students gained valuable experience in microbial analysis, which will aid them in exploring bacterial approaches to degrade microplastics. This collaborative event fostered academic partnership and practical learning, empowering students to address environmental challenges through research-based solutions.



Centre for Bioscience and Nanoscience Research (CBNR)

(Affiliated to Bharathiar University)



Towards Excellence

461/3, Amman Nagar,
L&T Bye Pass Road,
Eachanari,
Coimbatore - 641 021
0422 - 2930408
+91 9629388728
E-mail : cbnrindia@gmail.com
info@cbnrindia.com

Dr.R. Ragunathan., Ph.D., FSAB.,
Director

28/09/2019
Coimbatore – 21

Certificate

This is to certify that following students and one faculty of St Mary's College (Autonomous), 104, North Beach Road, Thoothukudi – 628 001, has successfully attended two days (27/09/2019 to 28/09/2019) hands on training on **"Bacterial isolation, identification and Biofilm formation"** at Centre for Bioscience and Nanoscience Research, Eachanari, Coimbatore-21, Tamilnadu, India.

Dr. G. Flora – Assistant Professor, Dept. of Botany



X. Agustina, P. Santhana Thiyaka Lakshmi, J. Emelda Agnes Fernando- III B.Sc Physics

S. Sherine – III B.Sc Zoology

S. Mareeswari, A. Infi Shiny, Dhishani Athiba – III B.Sc Chemistry

C. Muthu Vallimal, K. Ebina – IIIB.Sc - Botany




Director
Prof. Dr. R. Ragunathan., Ph.D., FSAB
Director & Research Supervisor
Centre for Bioscience and Nanoscience Research
Eachanari, Coimbatore - 641 021, Tamilnadu

ISO 9001:2015

Sponsors : Visalakshi Educational Trust Regd.

www.cbnrindia.com



St. Mary's College (Autonomous) – Thoothukudi

Internal Quality Assurance Cell (IQAC)

Collaborative Activities 2019 - 2020

Academic & Research

Publication Period: January to December

Academic Activities Period: June to July

1	Name of the Faculty with Designation, Staff ID	S. Gayathri, Assistant Professor & Head, Department of Business Administration, Staff Code: BBAS005 12-12-2019
2	Name of the Collaborating Faculty with Designation	Dr. Sangeetha Assistant Professor, Holy Cross Home Science College, Tuticorin
3	Name of the Collaborating Organisation	Holy Cross Home Science College, Tuticorin
4	Nature of Collaboration (Academic / Research / Faculty Exchange / Examiner / Student Exchange / Project / Internship / On-the Job Training)	Academic
5	Nature / Details of Outcome [Guest Lecture / DC member / Guide / Co-guide / Project Reports / Publications (Research Papers) / Sharing of Research Resources (Lab / Library / Industry) / Other	Guest Lecture
6	Financial Involvement (if any)	No
7	Proof Attached	Yes

Signature of Faculty

Signature of the Collaborating Faculty

Lucia Rose
Principal

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

B. Serena Margaret

Signature of IQAC Coordinator

IQAC - Co-ordinator
St. Mary's College (Autonomous)
Thoothukudi



ஹோலி கிராஸ்
ஹோம் சயின்ஸ் கல்லூரி

முத்தமிழ் விழா
2019-2020

திரமதி. M.S.S.நாயத்தி

உதவி பேரங்கீர்த்தி
தொழில்நுட்ப அறிவு நிறுவனம், தஞ்சை
ஆய்விப்பின்மை கல்லூரி
தஞ்சை
12.12.2019



St. Mary's College (Autonomous) – Thoothukudi

Internal Quality Assurance Cell (IQAC)

Collaborative Activities 2019 - 2020

Academic & Research

Publication Period: January to December

Academic Activities Period: June to July

1	Name of the Faculty with Designation, Staff ID	A. LUDYMA FERNANDO Asst Prof., Dept. of Comp. Sci (SSC) CPSS001
2	Name of the Collaborating Faculty with Designation	S. THAIYARAJA Founder / CEO Digisailor, Thoothukudi
3	Name of the Collaborating Organisation	DIGISAILOR Teachers Colony Thoothukudi
4	Nature of Collaboration (Academic / Research / Faculty Exchange / BOS/ Examiner / Student Exchange / Project / Internship / On-the Job Training)	Internship
5	Nature / Details of Outcome [Guest Lecture / DC member / Guide / Co-guide / Project Reports / Publications (Research Papers) / Sharing of Research Resources (Lab / Library / Industry) / Others]	Web Developer Duration:
6	Financial Involvement (if any)	
7	Proof Attached	

Ludyma Fernando
Signature of Faculty

Riya
Signature of the Collaborating
Faculty

B. Serena Margaret
Signature of IQAC
Coordinator

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

IQAC Co-ordinator
St. Mary's College (Autonom
Thoothukudi



Date: 25 November 2019,

To whom it may concern

This is to certify that **Z. Subaitha Shireen**, a student of Master of Computer Science, **St.Mary's College, (Autonomous)** Tuticorin, worked under my supervision during her internship period. Her internship tenure was from 14/11/2019 to 22/11/2019. She was working as a Web Developer and was actively & diligently involved in the projects and tasks assigned to her.

During the span, we found her punctual and hardworking person. Her learning powers are good and she picks up swiftly. Her feedback and evaluation proved that she learned keenly. Moreover, her interpersonal and communication skills are brilliant. We wish her a bright future.

Sincerely

S. Ilaiyaraja

CEO



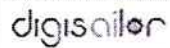
+91 95789 80260



www.digisailor.com
info@digisailor.com



9/5C, 10th Street East, BriyantNagar,
Thoothukudi-628008.



Date: 25 November 2019.

To whom It may concern

This is to certify that **Soundarya**, a student of Master of Computer Science, **St.Mary's College, (Autonomous)** Tutorin, worked under my supervision during her internship period. Her internship tenure was from 14/11/2019 to 22/11/2019. She was working as a Web Developer and was actively & diligently involved in the projects and tasks assigned to her.

During the span, we found her punctual and hardworking person. Her learning powers are good and she picks up swiftly. Her feedback and evaluation proved that she learned keenly. Moreover, her interpersonal and communication skills are brilliant. We wish her a bright future.

Sincerely

S. Rajvaraja

[E]



+91 95291 86360



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GRC, 10th Street East, Bryant Nagar,
Thiruvananthapuram 695005.



Date: 27 MARCH 2020,

To

The Head of the Department
Department of Computer Science
St.Mary's College(Autonomous)
Tuticorin

Dear sir/madam

Sub: Project Completion Certificate- Reg

On behalf of DIGISAILOR , We are pleasure to inform you that **Ms.K.Shobanaa Amirtha Varshini, Reg no: 18SPCS14** studying **M.Sc., Computer Science** Final year has been done project work at our concern on **"ONLINE GROCERY E-COMMERCE STORE"** during the period from November 2019 to March 2020

During this period, we noticed her to be diligent, sincere and hardworking and she accomplished her task within stipulated deadline. We wish her for all future endeavours

With Regards,

DIGISAILOR

Sincerely

S. Ilaiyaraja

CEO

digisailor

Date: 27 MARCH 2020.

To

The Head of the Department .
Department of Computer Science
St.Mary's College(Autonomous)
Tuticorin

Dear sir/madam

Sub: Project Completion Certificate- Reg

On behalf of DIGISAILOR , We are pleasure to inform you that **Ms.J.Rabika Devi, Reg no: 18SPCS12** studying **M.Sc., Computer Science** Final year has been done the project work at our concern on "**Physical Statistics Tracking and Activity Assigning System** " during the period from November 2019 to March 2020

During this period, we noticed her to be diligent, sincere and hardworking and she accomplished her task within stipulated deadline. We wish her for all future endeavours

With Regards,

DIGISAILOR

Sincerely

S. Ilaiyaraja

CEO



+91 95789



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m



9/5C, 10th Street East,
BriyantNagar,

Date: 25 November 2019,

To whom it may concern

This is to certify that R.NITHYA, a student of Master of Computer Science, St. Mary's College, (Autonomous) Tuticorin, worked under my supervision during her internship period. Her internship tenure was from 14/11/2019 to 22/11/2019. She was working as a Web Developer and was actively & diligently involved in the projects and tasks assigned to her.

During the span, we found her punctual and hardworking person. Her learning powers are good and she picks up swiftly. Her feedback and evaluation proved that she learned keenly. Moreover, her interpersonal and communication skills are brilliant. We wish her a bright future.

Sincerely

S. Ilaiyaraja

CEO



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9/5C, 10th Street East, BriyantNagar,
Thoothukudi-628008.



Date: 25 November 2019,

To whom it may concern

This is to certify that **S. Mariswari**, a student of Master of Computer Science, **St. Mary's College, (Autonomous)** Tuticorin, worked under my supervision during her internship period. Her internship tenure was from 14/11/2019 to 22/11/2019. She was working as a Web Developer and was actively & diligently involved in the projects and tasks assigned to her.

During the span, we found her punctual and hardworking person. Her learning powers are good and she picks up swiftly. Her feedback and evaluation proved that she learned keenly. Moreover, her interpersonal and communication skills are brilliant. We wish her a bright future.

Sincerely

S. Ilaiyaraja

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9/5C, 10th Street East, Briyant Nagar,
Thoothukudi-628008.

Date: 25 November 2019,

To whom it may concern

This is to certify that X.LURTHU PONMOZHI, a student of Master of Computer Science, St. Mary's College, (Autonomous) Tuticorin, worked under my supervision during her internship period. Her internship tenure was from 14/11/2019 to 22/11/2019. She was working as a Web Developer and was actively & diligently involved in the projects and tasks assigned to her.

During the span, we found her punctual and hardworking person. Her learning powers are good and she picks up swiftly. Her feedback and evaluation proved that she learned keenly. Moreover, her interpersonal and communication skills are brilliant. We wish her a bright future.

Sincerely

S. Ilaiyaraja

CEO



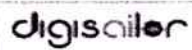
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Thoothukudi-628008.



Date: 25 November 2019

To whom it may concern

This is to certify that **M. Kamari Nagal**, a student of Master of Computer Science, **St. Mary's College, (Autonomous)** Tuticorin, worked under my supervision during her internship period. Her internship tenure was from 14/11/2019 to 22/11/2019. She was working as a Web Developer and was actively & diligently involved in the projects and tasks assigned to her.

During the span, we found her punctual and hardworking person. Her learning powers are good and she picks up swiftly. Her feedback and evaluation proved that she learned keenly. Moreover, her interpersonal and communication skills are brilliant. We wish her a bright future.

Sincerely,

S. Raviaraja
CEO



98451 98451



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info@digisailor.com



1001, Main Road, 1st Floor, Thiruvananthapuram
Thiruvananthapuram - 695 016

Date: 25 November 2019.

To whom it may concern

This is to certify that **M. Kamatchi**, a student of Master of Computer Science, **St.Mary's College, (Autonomous)** Tuticorin, worked under my supervision during her internship period. Her internship tenure was from 14/11/2019 to 22/11/2019. She was working as a Web Developer and was actively & diligently involved in the projects and tasks assigned to her.

During the span, we found her punctual and hardworking person. Her learning powers are good and she picks up swiftly. Her feedback and evaluation proved that she learned keenly. Moreover, her interpersonal and communication skills are brilliant. We wish her a bright future.

Sincerely

S. Ilaiyaraja

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Thoothukudi-628008.



Date: 25 November 2019.

To whom it may concern

This is to certify that **Anitha**, a student of Master of Computer Science, **St.Mary's College, (Autonomous)** Tuticorin, worked under my supervision during her internship period. Her internship tenure was from 14/11/2019 to 22/11/2019. She was working as a Web Developer and was actively & diligently involved in the projects and tasks assigned to her.

During the span, we found her punctual and hardworking person. Her learning powers are good and she picks up swiftly. Her feedback and evaluation proved that she learned keenly. Moreover, her interpersonal and communication skills are brilliant. We wish her a bright future.

Sincerely

S. Raviaraja
CEO



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Thoothukudi-628006.

St. Mary's College (Autonomous) Thoothukudi

Department of History

MOU ACTIVITY

Spot Study (07.09.2019)

GOVERNMENT MUSEUM - MADURAI

2019-20

Photo



Report

On 7th September 2019, Department of History arranged a Spot study to Keezhadi, Government Museum, Gandhi Museum, Thirumalai Nayakar Mahal, Meenakshi Amman Temple. Dr. Seran, Department of Ancient India and Archaeology, Madras University, Expert Archaeologists, Tamil Nadu Government, Asai Thambi, Curator of Ramnad District and Local Supervisor of Keezhadi Camp guided the PG students. Dr. F. Maria Jenifer Thaya, Mrs. S. M. Rojapoo, Assistant Professor in History accompanied the students.

H. May 11

Head of the Department

B. Serena Margaret
IQAC Coordinator
IQAC - Co-ordinator
St. Mary's College (Autonomous)
Thoothukudi

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