



ST. MARY'S COLLEGE (AUTONOMOUS)

(Re-accredited with "A+" Grade by NAAC - 4th Cycle)

Thoothukudi - 628001, Tamil Nadu, India.



Department of Chemistry

2021-2022

News letter

Editorial Board

Dr. J. Martin Rathi (HOD)
Associate Professor

Dr. T. Linda Fernando
Associate Professor

Mrs. S. Rani Jeyamary
Assistant Professor

Dr. Irudaya Antonat Sophia
Assistant Professor

Dr. A. Lakshmi
Assistant Professor

Dr. B. Divya
Assistant Professor

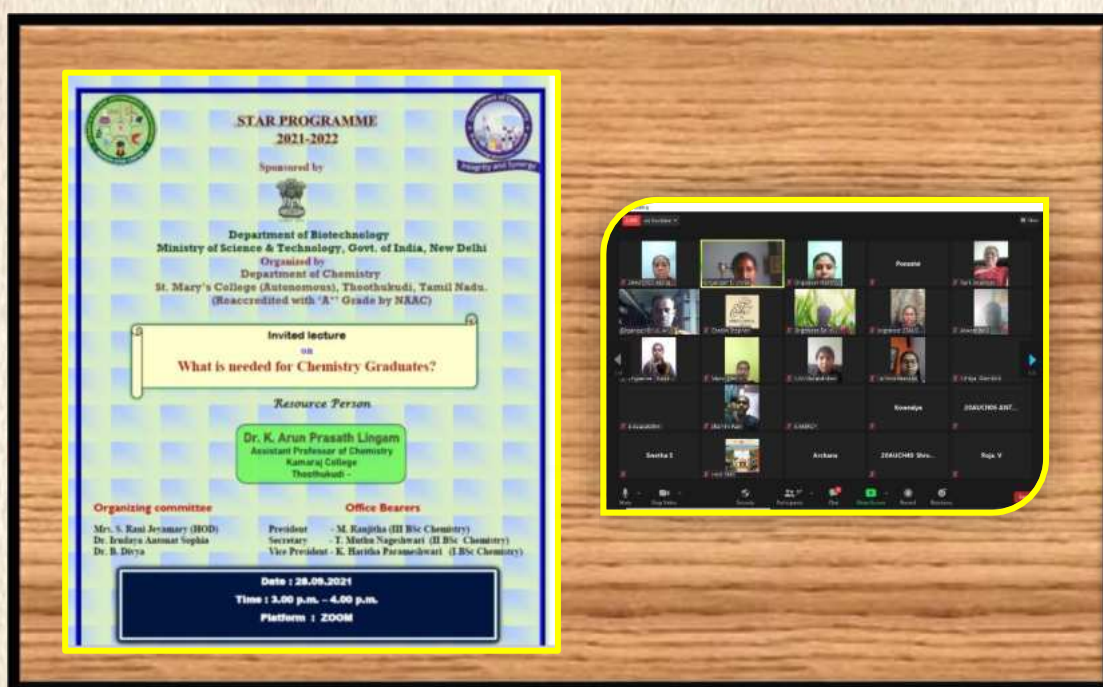
Dr. A. Parveen Sulthana
Assistant Professor

Dr. G. Amala Jothi Grace
Assistant Professor



Association meeting

Online invited talk on “What is needed For Chemistry Graduates?” sponsored by Department of Biotechnology, Govt. of India, New Delhi was organized by Marian Star Centre, Department of Chemistry on **28th September, 2021**. Dr.K.Arun Prasath Lingam, Assistant Professor of Chemistry, Kamaraj College, Thoothukudi was the resource person. Students of III, II and I B.Sc., Chemistry attended the lecture.



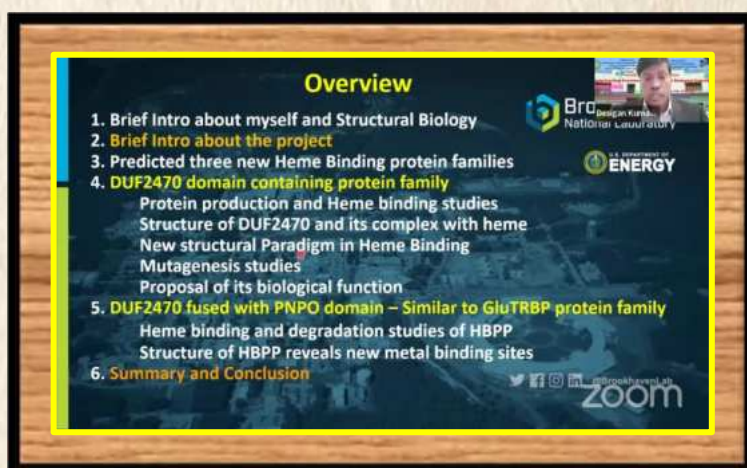
Faculty Development Programme on “ Nuances in Chemistry Teaching

One Week Faculty Development Programme sponsored by Department of Biotechnology, New Delhi was organized under star college scheme by Marian Star Centre, Department of Chemistry, St. Mary's College (Autonomous), Thoothukudi, Tamil Nadu, India from Jan 31st to Feb.5th 2022 through online mode



In the first session Dr. P.Sami, Associate Professor,

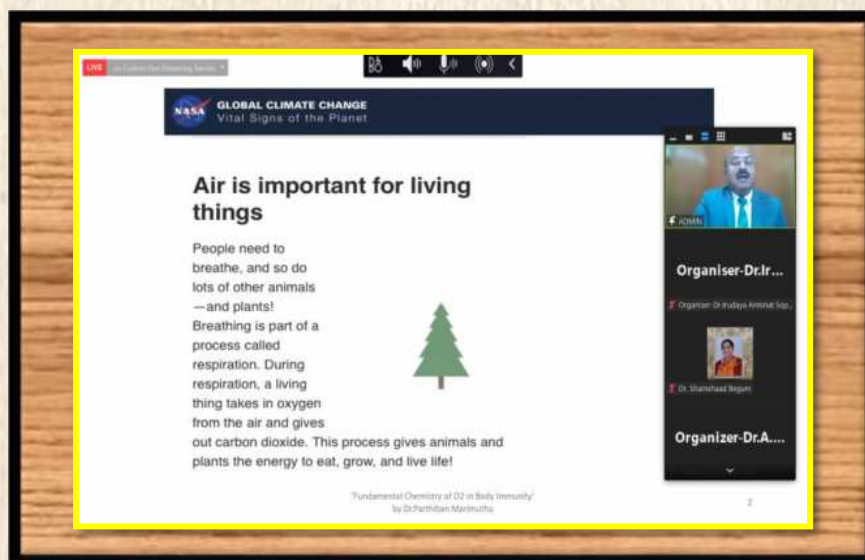
Department of Chemistry, V.H.N.Senthikumara Nadar College (Autonomous), Virudhunagar delivered a lecture on the topic “Solid Chemistry” There were 141 participants on day 1.



On the second day Dr. P.Sami, Associate Professor, V.H.N.SenthilkumarNadar College (Autonomous), Virudhunagar addressed the virtual gathering on the topic “Electrochemistry”. Around 156 participants attended the session



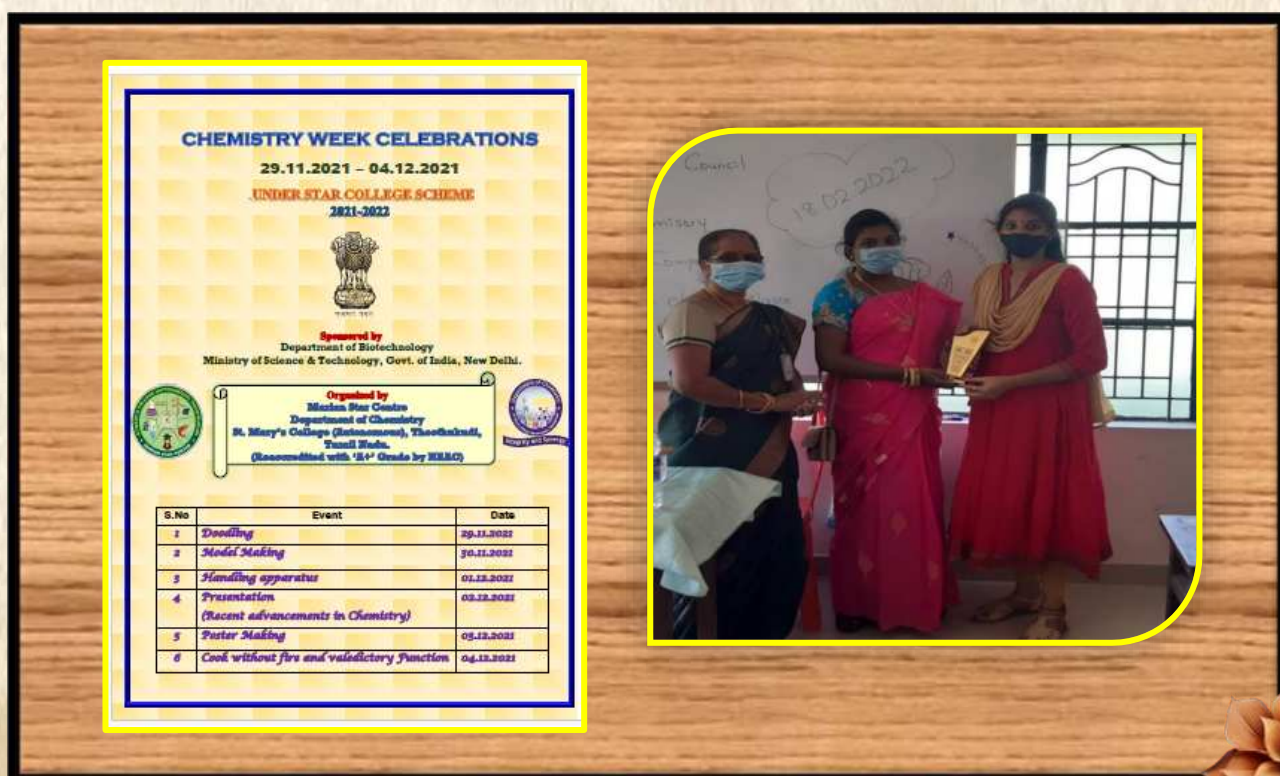
On the fifth day Dr.K.Muruga Poopathi Raja delivered a lecture on the topic on “Biomolecules Part II”..There were 150 participants on the last day.



Faculty from various schools and colleges actively participated. Apart from different parts of Tamilnadu, there were participants from Maharashtra, Rajasthan, Uttar Pradesh, Bihar, Kerala, Puducherry, Punjab, Telengana, West Bengal and Karnataka.

Chemistry Week Celebration

Chemistry Week celebration was organized under star college scheme from 29.11.2021 to 04.12.2021. Doodling, Model making, Handling Apparatus, Presentation, Poster making, Cook without Fire were organized.



International Webinar on “Impact of Nanobiotechnology in the Field of Medicine”

International webinar on “Impact of Nanobiotechnology in the Field of Medicine” was organised under star college scheme by Marian Star Centre, Department of Chemistry, St. Mary’s College (Autonomous), Thoothukudi in association with the Department of Microbiology, St. Mary’s College (Autonomous), Thoothukudi on 16th and 17th December, 2021.

On the first day Dr. P. Pachamuthu, Assistant Professor of Chemistry, Integrated AI & Sensors lab, Bannari Amman Institute of Technology, Sathyamangalam, Erode shared his expertise on the topic “Emerging Trends in Microbial synthesis of Nanomaterials & their applications”. 179 student participants from the Department of Physics, Chemistry, Botany, Zoology and microbiology actively participated.

On the second Dr.M.Gover Antoniraj – Post Doctoral Fellow, Department of Clinical Biochemistry and Pharmacology, Faculty of Health Sciences Ben – Gurion,University of Negiv, Israel, was the resource person and he delivered a lecture on “ Advances in Drug Delivery”. Students, research scholars, faculty members from various colleges, and academicians participated in the webinar. Totally 208 student participated and benefitted from the webinar. The webinar came to an end with a college anthem.

International Webinar on
Impact of Nanobiotechnology in the Field of Medicine
16th & 17th DECEMBER 2021
UNDER STAR COLLEGE SCHEME
Organized by
Marian Star Centre
Department of Chemistry
In association with
Department of Microbiology
St. Mary's College, (Autonomous)
Thoothukudi
(Re-accredited with A+ Grade by NMAC)
Join zoom meeting: <https://us02web.zoom.us/j/82146867185>
MeetingId: 821 4686 7185
Resource Persons
Dr. P. Pachamuthu,
Assistant Professor of Chemistry,
Integrated AI & Sensors Lab,
Bannari Amman Institute of Technology,
Sathyamangalam, Erode.
Topic: Emerging Trends in Microbial synthesis of Nanomaterials & their applications
Date: 16.12.2021 Time: 3 – 4 p.m.
Dr. M. Gover Antoniraj,
Postdoctoral fellow,
Department of Clinical Biochemistry and
Pharmacology,
Faculty of Health Sciences Ben - Gurion
University of the Negev, Israel
Topic: Advances in Drug Delivery
Date: 17.12.2021 Time: 11 a.m – 12 p.m.

Microbial Synthesis
Bacteria Fungi Algae Yeast Virus
Intracellular or extracellular extraction
Green-extracts: Proteins, Polysaccharides, Nitrite reduction, Co-enzymes, Anti-surfactant, etc.
Metal solution
Green synthesis
Nanorods, Nanowires, Nanocomposites, Nanotubes
Choudhury et al., RSC Adv., 2019



In house training programmes

- ✚ On 14th Dec 2021 in house training programme on Analysis of carbon, nitrogen, phosphorous, Zinc and calcium in soil using Mini Lab for soil analysis was organized under star college scheme for III B.Sc.,Chemistry.
- ✚ On 14th Dec 2021 in house training programme on Estimation of glucose, cholesterol, hemoglobin and protein in blood sample using semi autoanalyser was organized under star college scheme for III B.Sc.,Chemistry.
- ✚ On 15th Dec 2021 in house training programme on Analysis of carbon, nitrogen, phosphorous, Zinc and calcium in soil using Mini Lab for soil analysis was organized under star college scheme for II B.Sc.,Chemistry.
- ✚ On 16th Dec 2021 in house training programme on Estimation of glucose, cholesterol, hemoglobin and protein in blood sample using semi autoanalyser was organized under star college scheme for III B.Sc.,Zoology.
- ✚ On 17th Dec 2021 in house training programme on Estimation of glucose, cholesterol, hemoglobin and protein in blood sample using semi autoanalyser was organized under star college scheme for II B.Sc.,Chemistry.
- ✚ On 21st Dec 2021 in house training programme on Analysis of carbon, nitrogen, phosphorous, Zinc and calcium in soil using Mini Lab for soil analysis was organized under star college scheme for III B.Sc.,Botany.





In house Training on “ Teaching and Learning Mathematics Through Error Analysis”

In house Training on “ Teaching and Learning Mathematics Through Error Analysis” sponsored by DBT, New Delhi under star college scheme was organized by Marian Star Centre, Department of Chemistry, St. Mary’s College (Autonomous), Thoothukudi on 4th and 5th January, 2022. Dr. V.L. Stella Arputha Mary, Head and Assistant Professor of Mathematics, St. Mary’s College (Autonomous), Thoothukudi was the resource person. Students of I B.Sc., Chemistry (44) were the participants.





Hands on Training-- "Fundamentals of Computational Chemistry and Molecular Simulation

Hands on Training on "Fundamentals of Computational Chemistry And Molecular Simulation" was organized under star college scheme by Department of Chemistry, St. Mary's College (Autonomous), Thoothukudi on 16th February, 2022. Dr.Murali Krishnan, Assistant Professor of Chemistry, Bannari Amman Institute of Technology, Sathyamangalam, Erode was the resource person. Training began with a prayer song in the DST computer lab. First he gave an introduction about Gaussian 0.9 and spartan software to draw 3D structure of the molecules. Using spartan software he clearly instructed the students to draw 3D structure of molecules molecule like methane, cyclohexane (boat and chair form). All the II and III B.Sc., Chemistry students followed the instructions and drew the structures of the molecules. Furthermore he highlighted the advantage of using Gaussian view software for calculation of energy and bond length without wet laboratory.



Hands on training
OR
"Fundamentals of Computational Chemistry and Molecular Simulation"
16.02.2022
 (Under STAR College Scheme)
 2021-2022
 Sponsored by


 Department of Biotechnology
 Ministry of Science & Technology, Govt. of India, New Delhi

Organized by
 Marian Star Centre
 Department of Chemistry
 St. Mary's College (Autonomous), Thoothukudi, Tamil Nadu
 (Recognized with "A" Grade by NAAC)

Resource Person
Dr. Murali Krishnan
 Assistant Professor of Chemistry,
 Department of Chemistry,
 Bharati Atomic Institute of Technology,
 Subangarayan.

Time : 10.00 a.m. - 1.00 p.m.
Venue : Computer Lab

Organizing committee:
 Dr. Ananda Jeyaraj Alphonse
 Overall Coordinator & Member Secretary
 Star College Scheme
 Mrs. S. Rani Bryannary
 Head, Department of Chemistry
 Dr. T. Linda Fernandez, Associate Professor of Chemistry
 Dr. A. Martin Rathi, Associate Professor of Chemistry
 Dr. Indira Anand Sathya, Assistant Professor of Chemistry
 Dr. A. Lalitha, Assistant Professor of Chemistry
 Dr. B. Divya, Assistant Professor of Chemistry
 Dr. A. Parvitha Subhaskar, Assistant Professor of Chemistry
 Dr. G. Anula Jothi Grace, Assistant Professor of Chemistry

Best Wishes from
 Rev. Sr. Flora Mary
 Secretary
 Rev. Dr. Sr. A.S.J. Lucia Rose
 Principal



Marian Star Science Expo

Marian Star Science Expo was organized for the school students. 2686 students visited our laboratory to grasp the scientific concepts.



In-Service Training Programme For Higher Secondary School Teachers

In-Service Training Programme For Higher Secondary School Teachers under star college scheme sponsored by Department of Biotechnology, New Delhi was organized by Marian Star centre, St. Mary's College (Autonomous) Thoothukudi from 23rd March-25th March 2022 from 9.30 A.M to 3.30 P.M. Twenty Seven Chemistry teachers from in and around Thoothukudi district received hands on training about the practical skills.



Lab- No. of Activities

- ❁ I main- 10 experiments
- ❁ II main- 10 experiments
- ❁ III main- 20+ 12 experiments
- ❁ I Allied physics- 7+10 experiments
- ❁ I Allied Zoology-7+10 experiments
- ❁ II BSc Botany- 7+10 experiments

Bridge courses

Bridge courses College reopened for IUG students on 06.09.2021. Bridge courses for first year students took place from 06.09.2021 to 09.06.2021.



Mentor Mentee System

The Mentor Mentee system is practiced in the department of Chemistry which has benefitted the student community.

Staff in charge : Ms.S.Rani Jayaram	Staff in charge : Dr.J.Martin Rathi	Staff in charge : Dr. A. Parvath Subhans
21AUCH16 Karishika Devi	21AUCH01 Annapackiam R.	21AUCH01 PonJhannu P
21AUCH17 Kowsalya E	21AUCH02 Antonia Felares	21AUCH02 PonSelvi G
21AUCH18 Lakshmi Priya D	21AUCH03 Antony DyanuShiyanthini	21AUCH03 Ponnathi Pavithra R
21AUCH19 Mahalakshmi S M	21AUCH04 Anushya R	21AUCH04 Priya Dhanrini S
21AUCH20 Mahara Sakshi	21AUCH05 Archana S	21AUCH05 Priyadharshini P
21AUCH21 Mani Priya G	21AUCH06 Anwarsha S	21AUCH06 SabayaAravathi S
21AUCH22 Manjula B	21AUCH07 Deborah Angel	21AUCH07 Selva Lakshmi R
21AUCH23 Mani Devi V	21AUCH08 Divya Bharathi P	21AUCH08 Shamini Rani S
21AUCH24 Maria Agnes Pruthi J	21AUCH09 Divyangeesha A	21AUCH09 Sindhu M
21AUCH25 Maria Kaverika. A	21AUCH10 Puthama Devi M	21AUCH10 Sujalakshmi A
21AUCH26 Maria Roshni P	21AUCH11 Kirana N	21AUCH11 SumayaShifana Rana K.
21AUCH27 Michael Sona S	21AUCH12 Harini P	21AUCH12 Swetha S
21AUCH28 Maragudhwar P	21AUCH13 Harini Subhaskarani K.	21AUCH13 Uma Variga S
21AUCH29 Nancy A	21AUCH14 Jethalalini J	21AUCH14 Valarmathi Malini S
21AUCH30 Panchammat L	21AUCH15 KalaiSelvi	21AUCH15 Viniciya R

Head
Department of Chemistry
St.Mary's College (Autonomous)
Theerthapada-620015

Staff in charge : Dr.B.Dhanya	Staff in charge : Dr.G. Anandapathi Ganes
21AUCH01 Adh. Kaganelli D	21AUCH01 Michael David A.
21AUCH02 Anitha Evangelin S	21AUCH02 Mahaswini C
21AUCH03 Anusha M	21AUCH03 Mitha Nagadevati T
21AUCH04 Anusha Sany	21AUCH04 Mitha Lakshmi M
21AUCH05 Anu Maria Shreya M	21AUCH05 Mitha Lakshmi Alina Lakshmi M
21AUCH06 Antony Mary P	21AUCH06 Nandini S
21AUCH07 Antony Raghini Suganya L	21AUCH07 Narendra Rajar
21AUCH08 Anusha Sindhu B	21AUCH08 Prashanthini
21AUCH09 Anusha A	21AUCH09 Raksha P
21AUCH10 Gayathri M	21AUCH10 Rishi V
21AUCH11 Helen Susan Matha A	21AUCH11 Sathya Priya M
21AUCH12 Jina Akshaya J	21AUCH12 Shalini M
21AUCH13 Kater Selvi U	21AUCH13 Shiva Sankar B
21AUCH14 Kater Sanyasi G	21AUCH14 Shwetha S.S
21AUCH15 Kavya P	21AUCH15 Srinika Romy A
21AUCH16 Kishoreni A	21AUCH16 Sudhara M
21AUCH17 Madhulika Balya S	21AUCH17 Sudharini A. A.
21AUCH18 Madhulika M	21AUCH18 Sumathi M
21AUCH19 Madhulika A	21AUCH19 Swetha Alina Kiruba S
21AUCH20 Madhulika S	
21AUCH21 Mary Leticia K	
21AUCH22 Maryanwari E	

Head
Department of Chemistry
St.Mary's College (Autonomous)
Theerthapada-620015

Staff in charge : Dr. T. Linda Fernando	Staff in charge : Dr.Jayadeva Anant Singh	Staff in charge : Dr. A. Lakshmi
19AUCH01 Aarti S	19AUCH01 Jyoti Jyoti A	19AUCH01 Panniyar Romy A
19AUCH02 Alphonse Rajan T	19AUCH02 Jackalin S	19AUCH02 Paragika Asha J
19AUCH03 Antony Lourdes Paulina Iya A	19AUCH03 Jyoti J	19AUCH03 Panniyar R
19AUCH04 Anush Kamesha B	19AUCH04 Karthika S	19AUCH04 Priyadharshini S
19AUCH05 Anusha Mathina J	19AUCH05 Kavitha M	19AUCH05 Pooja Venu M
19AUCH06 Anvi Priya C	19AUCH06 Kavitha Priya J	19AUCH06 Rajitha M
19AUCH07 Balasubram V	19AUCH07 Kavitha B	19AUCH07 Sangeetha Kanaka J
19AUCH08 Binda K	19AUCH08 Kayathil M	19AUCH08 Shalika Begum S
19AUCH09 Chanya J	19AUCH09 Mahalakshmi C	19AUCH09 Sharan Rani M
19AUCH10 Christine J	19AUCH10 Madhira Priya B	19AUCH10 Shreya B
19AUCH11 Delvini A	19AUCH11 Maria Selvi A	19AUCH11 Sindhu J
19AUCH12 Deva Tharshini A	19AUCH12 Maria Sathani S	19AUCH12 Subhaskarani S
19AUCH13 Divya Bharathi K		19AUCH13 Susha C S
19AUCH14 Eshika Jyoti J		19AUCH14 Vani R
19AUCH15 Francis Varina A		19AUCH15 Vaniha Anantha S
19AUCH16 Indu Mathi S		19AUCH16 Vinodini A

Head
Department of Chemistry
St.Mary's College (Autonomous)
Theerthapada-620015

Certificate Courses

Nutritional Food Science was offered as certificate course to III year Chemistry students. 45 students enrolled and 44 students completed the course.





Alumnae Meet

Alumnae meet-2022 was held on 23.04.2022 at 2.00.m. in the auditorium. Mrs. Thenmathi Dhanushkodi, Administer, Thenmani hospital was the chief guest.

Publications

Irudaya Antonat Sophia published a paper titled “ Screening And Evaluation of Biodegradability of polythene by soil bacteria” in Indian Journal of Natural Sciences Volume 12, Issue 68

Staff Activities

- ◆ Dr. Irudaya Antonat Sophia and Dr.A.Parveen Sulthana attended the online Refresher Course in Chemistry by Bharathiar University, Coimbatore from 10.11.2021-23.11.2021
- ◆ Dr. A. Lakshmi and Dr. G. Amala Jothi Grace served as a evaluator for 29th National Children Science Congress organized by Tamilnadu science forum at Kamaraj College, Thoothukudi.
- ◆ Dr. B. Divya served as a resource person in Five days international webinar on Tricks and Tips for CSIR-NET/SET Chemical Science organized by Kamaraj College, Thoothukudi from 16.08.2021 to 20.08.2021.

Internships

- ♠ Five students from III B.Sc., Chemistry, St. Mary's College (Autonomous), Thoothukudi attended Nine days internship to ABI Group of Companies from 11th November, 2021 to 19th November, 2021.




♠ Seven students from ST. Mary's College (Autonomous), Thoothukudi, attended fifteen days internship to AVM hospital from 1st November, 2021 to 17th November, 2021.

♠ Five students from III B.Sc., Chemistry, St. Mary's College (Autonomous), Thoothukudi, attended fifteen days internship to SPIC, from 1st November, 2021 to 17th November, 2021.

Student Activities

✓ S. Varsha Antanitta of III BSc Chemistry Cleared JAM exam 2022 with the all India rank of 2514.



JAM 2022 Scorecard
Joint Admission test for Masters
Indian Institute of Technology Roorkee

CANDIDATE'S DETAILS

Name: **VARSHA ANTANITTA SAHAYA GANESH**
Date of Birth: **18-Sep-2001**
Parent's/Guardian's Name: **Sahaya Ganesh**
Registration Number: **CY716A061**

CANDIDATE'S PERFORMANCE

Test Paper (Code)	Number of Candidates Appeared in the Test Paper	Marks Scored (out of 100)	All India Rank
Chemistry (CY)	12940	28.33	2514

CUT-OFF MARKS*

Test Paper (Code)	GEN	GEN-EWS/OBC-NCL	SC/ST/PwD
Chemistry (CY)	27.81	25.03	13.3

* A candidate is considered to be in the merit list if the marks scored are greater than or equal to the cut-off marks mentioned for the category for which a valid category certificate, if applicable, must be produced along with the Scorecard.

17 March 2022
Digital Signature: 688f1c1e7f94d64c13f22c7379d05f6f

Prof. Rama Krishna Poddiri
Organizing Chair, JAM 2022
(on behalf of JAM-AB)

- Candidates should note that being on the merit list of any test paper neither guarantees nor entitles one to admission to IITs or IISc.
- Candidates who are in the merit list of JAM 2022 can apply for admission to programmes at IITs and IISc, for which they are eligible only in the academic year 2022-23.
- For admission to various programmes, the candidates in the merit list must submit the admission form ONLINE at the JAM Online Application Processing System website (<https://joaps.iitr.ac.in>) between 11 April 2022 and 11 May 2022 with all the relevant documents. There is NO need to send a hard copy of the admission form/documents. Only those applications that are complete in all respects and have been properly submitted/uploaded within the stipulated time and date will be considered.
- Upon applying, offers will be made to candidates based on the order of merit, the candidate's choice(s) and the number of seats available at the admitting institute(s). Such candidates must satisfy the Eligibility Requirements (ERs) and Minimum Educational Qualifications (MEQs) of the programme(s) of the admitting institute(s). The fulfilment of ERs & MEQs is decided by the department offering the programme and the prerogative to accept/reject the candidate vests with the department.
- For latest updates on ERs, MEQs and other admission related information, the candidate must refer to the JAM 2022 official website: <https://jam.iitr.ac.in> and the Admission Brochure available therein.
- The authenticity of the contents of this Scorecard may be verified with the JAM Office, Indian Institute of Technology Roorkee, Roorkee - 247667, until July 20, 2022.
- Information given in this Scorecard should not be used by any person/institute without prior permission of the JAM Office, Indian Institute of Technology Roorkee, Roorkee - 247667.

✓ Antony Mera participated in Quiz competition and got third place organized by Yavarum Kelir, Thiran Valar Sangam, Namakkal.





- ✓ M. Ranjitha from III BSc Chemistry participated in poster competition and got third prize organized by IIC, St Mary's College, Autonomous, Thoothukudi.



- ✓ Eight Projects are done by the students in the year 2021-22 under the guidance of the staff members of chemistry department.



Student Name	Register Number	Project Title
1.C.Arul Priya	19AUCH06	Impact Of Mixtures Of Copper And Ammonia On Chosen Biochemical Parameters In A Water Hyacinths
2.J.Ebciba Jesmila	19AUCH14	
3.S.Indhu Mathi	19AUCH16	
4.S.Karthika	19AUCH21	
5.S.Priyadarshini	19AUCH37	
6.B.Sneha	19AUCH43	
1.J. Arockiya Mashina	19AUCH05	Synthesis and Characterisation of L-Arginine and L-Cysteine Doped Nickel Sulphate Single Crystals
2.R. Mandhira Priya	19AUCH27	
3.A. Mercy	19AUCH30	
4.A. Panimaya Rosy	19AUCH34	
5.S. Subhalakshmi	19AUCH44	
6.R. Vanathi	19AUCH47	
1.J.Crayna	19AUCH09	Assessment of Soil Quality Parameters of Agricultural farmlands in Thoothukudi and Ramnad Districts using Digital Mini Soil Lab
2. A.Deva Tharshini	19AUCH12	
3. A.Infant Jenoviya	19AUCH17	
4. J.Paraloga Asha	19AUCH35	
5. R.Plaecia	19AUCH36	
6. M.Pushpa Veni	19AUCH38	
1.Alphonse Rajam T.	19AUCH02	Investigation of colour intensity of henna extracts with natural and chemical substances by colourimetry
2. Varsha Antanitta S.	19AUCH48	
3. Crossnie J.	19AUCH10	
4. Maria Sudhanci S.	19AUCH29	
5. Dhiva Dharshini K.	19AUCH13	



1.Sagaya Kanute J.	19AUCH40	Phytochemical analysis and study of rate of extraction of lawsone from lawsonia inermis
2.Sheran Rose M.	19AUCH42	
3. Maria Selvi A.	19AUCH28	
4. Muthu Durga L.	19AUCH31	
5. Suriya C.S.	19AUCH46	
1.B.Anush Kamalam	19AUCH04	Biosynthesis of nanoparticles using <i>Moringa Oleifera</i>
2.AFrancis Vinista	19AUCH15	
3.SJackulin	19AUCH18	
4.Kavitha Priya	19AUCH23	
5.Vinarasi	19AUCH49	
1.Aarthi .S	19AUCH01	A study on synthesis of different nanoparticles using extracts of <i>Terminalia Bellirica</i>
2.Antony Lourthu Packia Jeya.A	19AUCH03	
3.DelosiniA.	19AUCH11	
4. Kavitha.M	19AUCH22	
5.Kavitha.R	19AUCH24	
6. Muthu Rathi.J	19AUCH32	
1. J. Janaki	19AUCH18	
2. M. Kayathri	19AUCH25	
3. M. Ranjitha	19AUCH39	
4. S.Shalika Begam	19AUCH41	
5. J.Strifina	19AUCH44	

✓ Best outgoing student is S. Varsha Antanitta

Rank Holders

🏆 **VARSHA ANTANITTA S.** – First Rank

🏆 **PRIYADHARSHINI S.** – Second Rank

🏆 **VANATHI R..** – Third Rank



Community development programme

A hands on training programme on “Preparation of organic House Hold essentials” for empowering rural women with entrepreneurial skills was organized for the women of Anthonyarpuram, Thoothukudi as a part of Unnat Bharat Abhiyan programme on 24th September 2021. II B.Sc.Chemistry students Antony Mera, Anto Maria Sherena, Krishnaveni, Mayeeswari, Malathi, Shalini, Macdalein Belciya, Antony Rathina Suguna, Gayathri, trained the women to prepare organic herbal oil, organic dish wash, herbal sanitizer, organic manure. Organizing a hands on training program involves gathering a lot of information, research, decision-making, planning, and collaboration of our students with people of the village community. Around 50 people got benefitted through this training. Fr.Dickson, Parish Priest of Anthonyarpuram made the arrangements for smooth conduct of the training program.



Institution's innovation council

The Department of Chemistry along with the Institution Innovation Council has organised a Video Content Creation on the topic “A COVID 19 – A Chemist Perspective”. Googl form was provided to upload their video content on or before 25th August 2021. The presentation of video content was arranged through google meet on 06.10.2021. 14 videos were received in Google classroom. During presentation, top 10 videos were selected and are asked to present. Dr. Shibana, Director of IIC was the evaluator. Top three presentation was announced and the winners were awarded with cash prize.



First Prize:

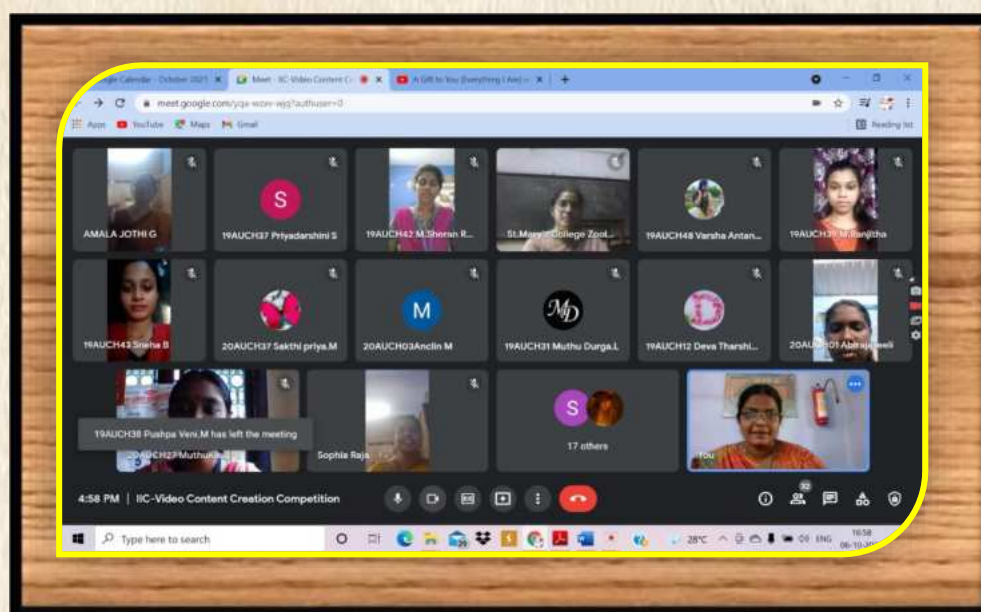
Varsha Antanitta . S, III B.Sc Chemistry, St.Mary's College (Autonomous), Thoothukudi.

Second Prize:

Ranjitha M, III B.Sc Chemistry, St.Mary's College (Autonomous), Thoothukudi.

Third Prize:

Muthukavitha . M, , II B.Sc Chemistry, St.Mary's College (Autonomous), Thoothukudi.



Industrial visit

Students of III B.Sc., Chemistry (42) and II B.Sc., Chemistry (39) along with four staff members Dr. Irudaya Antonat Sophia, Dr. A. Lakshmi, Dr. B. Divya and Dr. G. Amalajothi Grace visited Aavin, Tirunelveli as part of the star college scheme, sponsored by DBT, New Delhi on 7th May 2022 . Inside the plant students were divided into two groups. Before entering the plant they were clearly instructed about the processing of milk. Milk from various sources nearby were collected , at first chilled to 5oC and then steam boiled to around 800C. Chilling process is done by ammonia plant. Then it is homogenized, cooled ant the sent to automatic packaging unit. Processing of ghee was also done in the nearby unit.





MOOC Courses

Varsha Antanitta of III BSc Chemistry completed two MOOC courses named introduction to molecular thermodynamics and stereochemistry with 47% and 43% respectively.





End Semester Examination Results

End Semester Examination Results are declared on 30.06.2022 and 44 BSc Chemistry students appeared in the final examinations and 44 students passed with the pass percentage 100

Placement

- ♣ S.Aarthi and C.Arul Priya are placed in Tuticorin Alkali Chemicals & Fertilizers Limited. P4RX+8MP, Spic Nagar, Muthiahpuram, Thoothukudi, Tamil Nadu 628005.
- ♣ . J. Muthurathi is placed in ZOI FINTECH SERVICES PVT LTD, Software Company, Tirunelveli.
- ♣ A. Vinnarasi is placed in Divine myndvision & therapy centre, Chennai.
- ♣ J. Kavitha Priya is placed in AVM Hospital Pharmacy, Thoothukudi

Students progression to higher education.

17 students joined various institutions to pursue MSc. Chemistry and 2 students joined DMLT.

