PROGRAMMES
ORGANIZED BY
DEPARTMENT OF
CHEMISTRY
(2024 - 2025)





Title: Conservation of Natural Resources

Date: 19.07.2024 Time: 3.30pm

Venue: Hall No:7

Mrs. M. Vijayakumari
Association Secretary

Mrs. P. Kalaichelvi

Head of the Department

Dr. P. Jeyanthi
Principal

Report of the programme

Name of the programme : Drawing competition

Venue : Room no. 07

Date : 19.07.2024

Brief objective of the programme : • To provide a platform for students to express

their knowledge in conservation of natural resources, prevention of pollution and recycling

process.

To develop their artistic skills, express their

creativity and gain valuable experience and

recognition.

Topic of the event : Conservation of natural resources

No. of participants : 16

Details of the prize winners : I Place - M. Muthu Selvi - II B.Sc.

II Place - S. Sivalakshmi - II B.Sc.

Outcome of the programme : • The programme developed the students'

creative and presentation skills.

• They understood environmental issues and

importance of conservation.

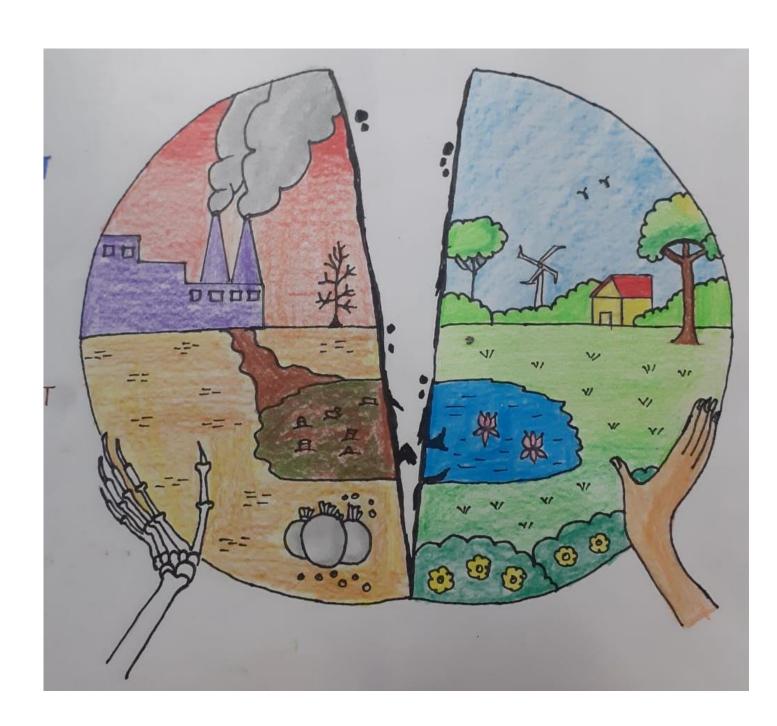
 They were also inspired to take action and become involved in environmental

conservation through this competition

M. Mijaya Jum 22/7/24 Staff in charge

Head of the department





IPlace-M.MuthuSelvi(IIB.Sc.)



IIPlace = S.Sivalakshmi(IIB.Sc.)



Report of the programme

Name of the programme : Guest lecture

Venue : PG seminar hall

Date : 21.08.2024

Brief objective of the programme : • To know about the knowledge of splitting of

metal-d-orbital and strength of metal ligand

To provide fundamental understanding of the

electronic structure of metal ions in crystal.

Name of the chief guest with

designation

: Dr. N. Kohila, M.Sc., M.Phil., Ph.D., SET,

Assistant Professor and Head, Department of PG Chemistry,

Aditanar College of Arts and Science,

Tiruchendur.

Topic of the lecture : Crystal Field Theory For Inorganic Metal Complexes

No. of participants : 146

Outcome of the programme : • The students got ideas about the design of

materials with magnetic and optical properties.

 They gained knowledge about the applications of crystal field theory for inorganic metal complexes

including colors, stability and reactivity.

They also understood the behaviour of transition

metal ions in various fields, including chemistry,

material science and biology.









GOVINDAMMAL ADITANAR COLLEGE FOR WOMEN TIRUCHENDUR- 628215



CHEMISTRY ASSOCIATION

is conducting Competition on

"USAGE FROM WASTAGE"

Date : 09.09.2024

Time : 3.30 P.M

Venue: Room No 7

Mrs. M. Vijayakumari

Association secretary

Mrs. P. Kalaichelvi Head of the Department Dr. P. Jeyanthi Principal

GOVINDAMMAL ADITANAR COLLEGE FOR WOMEN, TIRUCHENDUR

DEPARTMENT OF CHEMISTRY

Report of the programme

Name of the programme

: Usage from wastage competition

Venue

: Room no. 7

Date

: 09.09.2024

Brief objective of the programme

 To provide a platform for students to express their knowledge in 3R's (Reduce, Reuse and Recycle) to minimize waste and maximize the efficient use of resources.

 To develop their artistic skills, express their creativity and gain valuable experience.

No. of participants

: 15

Details of the prize winners

: I Place - M. Pathrakali (II B. Sc. Chemistry)
II Place - V. Nalini (III B. Sc. Chemistry)

Outcome of the programme

- The programme developed the students' creative and presentation skills.
- They were also inspired to take action and become involved in environmental conservation through this competition.

Staff in charge

lead of the department







I Place – M. Pathrakali (II B.Sc. Chemistry)



II Place – V. Nalini (III B.Sc. Chemistry)

Report of the programme

Name of the programme

: B.Sc. Project work at VSSC

Level

: State level

Name of the organizing institution

: Vikram Sarabhai Space Centre, Thiruvananthapuram, Kerala

Date

01.01.2025 to 15.02.2025

No. of participants from our college

Three students of III B.Sc. Chemistry

Objectives of the Programme

 Gaining hands-on experience in doing projects and practical exposure to space technology, satellite systems and research methodologies.

 Enhancing technical skills in areas like aerospace engineering, remote sensing and

data analysis.

Name of the students participated

K. Boomika

V. Shree Jaganya

T. Sahana

Outcome of the Programme

 The students gained practical experience in space technology, networking opportunities with industry experts and a certificate that enhances prospects in space research and technology

 Understood the advanced concepts in space science and communication systems beyond academics.

 The students were able to know the career opportunities for their discipline in Indian Space Research Organization (ISRO)

Staff in charge

lead of the Department

भारत सरकार अंतरिक्ष विभाग विक्रम साराभाई अंतरिक्ष केन्द्र तिरुवनन्तपुरम-695 022

केरल, भारत

फोन : (0471) 2563658 फैक्स : (0471) 2563013



Government of India Department of Space Vikram Sarabhai Space Centre Thiruvananthapuram-695 022

Kerala, INDIA
Telephone : (0471) 2563658
Fax : (0471) 2563013

ई-मेल/e-mail: n_saravanan @vssc.gov.in

PROJECT ENGINEERING AND PRODUCTIONSATION FACILITY

CERTIFICATE

This is to certify that the project report titled "SYNTHESIS & CHARACTERISATION OF SEMI RIGID POLYIMIDE FOAM FOR THERMAL INSULATION APPLICATION" is the authentic record of the project work done by Ms. K Boomika, (Reg. No: 202222071504205) under our supervision and guidance at Vikram Sarabhai Space Centre, Thiruvananthapuram, and submitted to the Department of Chemistry, GOVINDAMMAL ADITANAR COLLEGE FOR WOMEN, TIRUCHENDUR in partial fulfillment of the requirements for the award of Bachelor of Science Degree in Chemistry.

Thiruvananthapuram Date: 14-02-2025

Nama . V

Name : V. Chitra Designation : Manager, LPRD

Division : PEPF

एन सरवणन / N.Saravanan

Name उप महाप्रबंधक / Deputy General Manager Designation मिईपीएफ / सीएसजी / पीसीएम / बीएसएससी Division PEPF/CSG/PCM/VSSC

तिरुवनंतपुरम / Thiruvananthapuram-22 इसरो/अंतरिक्ष विभाग/भारत सरकार ISRO/DOS/Govt. of Inda





भारत सरकार अंतरिक्ष विभाग विक्रम साराभाई अंतरिक्ष केन्द्र तिरुवनन्तपुरम-695 022 केरल, भारत

फोन : (0471) 2563658 फैक्स : (0471) 2563013



Government of India Department of Space Vikram Sarabhai Space Centre Thiruvananthapuram-695 022 Kerala, INDIA

Telephone : (0471) 2563658 Fax : (0471) 2563013

ई-मेल/e-mail: n_saravanan @vssc.gov.in

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Thiruvananthapuram Date: 14-02-2025

Name

: V. Chitra

Designation: Manager, LPRD

Division

: PEPF

Name

एन सखणन / N.Saravanan

Designatio क्रम महाप्रबंधक / Deputy General Manager

Division

पीईपीएफ / सीएसजी / पीसीएम / वीएसएससी

PEPF/CSG/PCM/VSSC तिरुवनंतपुरम / Thiruvananthapuram-22

इसरो/अंतरिक्ष विभाग/भारत सरकार ISRO/DOS/Govt. of Inda

भारत सरकार अंतरिक्ष विभाग विक्रम साराभाई अंतरिक्ष केन्द्र तिरुवनन्तपुरम-695 022

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Vikram Sarabhai Space Centre Thiruvananthapuram-695 022 Kerala, INDIA

> Telephone: (0471) 2563658 : (0471) 2563013 Fax

ई-मेल/e-mail: n_saravanan @vssc.gov.in

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Thiruvananthapuram Date: 14-02-2025

Name

: V. Chitra

Designation: Manager, LPRD

Division : PEPF

एन सरवणन / N.Saravanan

Name Designation Division

उप महाप्रबंधक / Deputy General Manager पीईपीएफ / सीएसजी / पीसीएम / वीएसएससी PEPF/CSG/PCM/VSSC

तिरुवनंतपुरम / Thiruvananthapuram-22 इसरो/अंतरिक्ष विभाग/भारत सरकार ISRO/DOS/Govt. of Inda

भारतीय अंतरिक्ष अनुसंधान संगठन



Indian Space Research Organisation









GOVINDAMMAL ADITANAR COLLEGE FOR WOMEN TIRUCHENDUR - 628215.



DEPARTMENT OF CHEMISTRY ORGANISES AN

E-quiz on "FOUNDATION CHEMISTRY"

for +2 students

DATE:06.01.2025 TO 27.01.2025

link:https://forms.gle/vxoVqM9tCGa7K2mc6

E-certificate will be issued to the participant who obtained 50% & above marks

Mrs.M.Vijayakumari

Mrs.P.Kalaichelvi

Dr.P.Jeyanthi

ORGANIZING SECRETARY

HOD i/c

PRINCIPAL

Report of the programme

Name of the programme

: E-Quiz for +2 students

Date

: 06.01.2025 to 27.01.2025

Brief objective of the programme

To promote admission in the UG department of Chemistry.

 To learn about the objectivity of questions and the prospects of quizzes.

Topic

: Foundation Chemistry

No. of participants

: 72

Outcome of the programme

 About 72 higher secondary students from 17 schools participated and benefitted.

 They assessed their knowledge in Chemistry and identified areas that required for their study.

Staff in charge

Head of the department

Principal 1

"E- QUIZ ON FOUNDATION CHEMISTRY" FOR (+2) students Name in block letters (eg;VIMALA.M) JANNATHUL FIRDHOUS. M.S Class * XII Std Other: School Name&Place * Zubaida Higher Secondary School

Govindammal Aditanar College for Women Tiruchendur Chemistry Association organizes "E-Quiz on Foundation chemistry for +2 students " There will be 20 questions. Each carries 5 marks. There is no negative mark.Certifucate will sent to your registered mail.iid for those who secured 50%.and above.Only 100 certificate issued per day.

jenisathulmarciya@gmail.com Switch account



Oraft saved

* Indicates required question

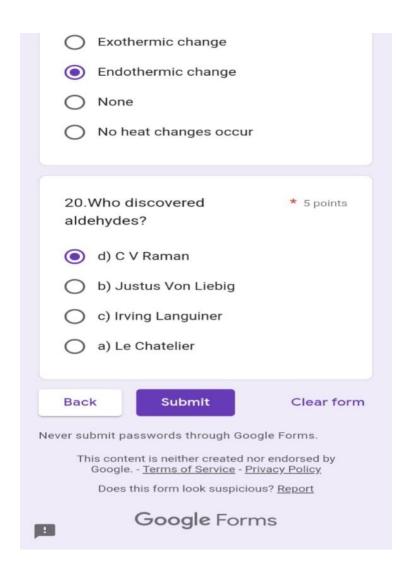
Email *

jenisathulmarciya@gmail.com

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Clear form

Never submit passwords through Google Forms.





GOVINDAMMAL ADITANAR COLLEGE FOR WOMEN

(Re-Accredited with 'B' Grade by NAAC)
Tiruchendur-628215

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Certificate of Participation

This is to certify that JANNATHUL FIRDHOUS, M.S., XII Std,

Zubaida Higher Secondary School , Kayalpatnam. has participated and completed "E-QUIZ ON FOUNDATION CHEMISTRY" with a score of 60% organized by Department of Chemistry ,Govindammal Aditanar college for women, Tiruchendur during 06.01.2025 to 27.01.2025

M. Vijaya Temi

Organizing Secretary
Mrs.M.VijayaKumari

Barchita/.

Mrs.P.Kalaichelvi

Principal

Dr.P.Jeyanthi

Made for free with Certify'em



GOVINDAMMAL ADITANAR COLLEGE FOR WOMEN



TIRUCHENDUR THOOTHUKUDI DISTRICT

DEPARTMENT OF CHEMISTRY AND ZOOLOGY

ORGANIZE

MOU SIGNING CEREMONY (ZOOLOGY)

TWO DAYS INDUSTRIAL TRAINING PROGRAM
ON PETROLEUM ANALYSIS, DIGITAL
MICROSCOPE & ANIMAL CANCER STUDY

RESOURCE PERSON

ER. GM. SRINIVASAN

MANAGING DIRECTOR

PETROCHEMICAL TECHNOLOGIST

GALILEOVASAN OFFSHORE & RESEARCH AND

DEVELOPMENT PRIVATE LIMITED,

NAGAPATTINAM -611002



03.02.2025 & 04.02.2025 (Two days)

Secretary

Dr. S. Narayana Rajan

Principal

Dr. P. Jeyanthi

Mrs. P. Kalaichelvi Dr.R. Sujatha HOD (i/c) - Department of Chemistry HOD (i/c) - Department of Zoology

Report of the programme

Name of the programme : Two-day Industrial Training Programme on

Petroleum Analysis and Biofuel from Marine

Algae Process

Venue : PG Seminar hall & Chemistry Lab

Date : 03.02.2025 & 04.02.2025

Brief objective of the programme : • To establish a working relationship and

sharing of information.

• To recognize the importance of research and development, and industrial training

for the placement of students.

Name of the chief guest with designation : Er. G.M. Srinivasan,

Managing Director

Petrochemical Technologist,

Galileovasan Offshore & Research and

Development Private Limited,

Nagapattinam.

No. of participants : 181

Outcome of the programme : • The students acquired ideas about the

petroleum analysis.

· They learnt about various techniques of

biofuel, biofertilizers manufacturing

processes.

· They were also given guidelines for

interview techniques and for their research

career towards industry sides.

Staff in charge

Head of the department











GOVINDAMMAL ADITANAR COLLEGE FOR WOMEN



THIRUCHENDUR
THOOTHUKUDI DISTRICT



DEPARTMENT OF CHEMISTRY AND

GALILEOVASAN OFFSHORE & RESEARCH AND DEVELOPMENT Pvt. Ltd.

Certificate

This is to certify that Ms/Mrs/Dr_DHANALAKSHML.M._ T_BS...CHENDRY has Participated in Two Days Industrial Training program on Petroleum analysis and Biofuel from Marine Algae Process on 03.02.2025 and 04.02.2025 Conducted by Galileovasan Offshore & Research and Development Private Limited, Nagapattinam.

Blankt.

PRINCIPAL

MANAGING DIRECTOR
GVPL



GOVINDAMMAL ADITANAR COLLEGE FOR WOMEN TIRUCHENDUR - 628215.



DEPARTMENT OF CHEMISTRY ORGANIZES AN

Association meeting on Chemistry in everyday life & it's application

CHIEF GUEST

Dr.T.Amutha M.Sc.,M.Phil.,Ph.D Assistant professor, Wavoo Wajeeha Women's college of Arts & Science, Kayalpattinam.

Date: 18.02.2025 Time: 3.00-4.00pm Venue: Room no.15

Mrs.M.Vijayakumari

ASSOCIATION SECRETARY

Mrs.P.Kalaichelvi

HOD i/c

Dr.P.Jeyanthi

PRINCIPAL

GOVINDAMMAL ADITANAR COLLEGE FOR WOMEN, TIRUCHENDUR DEPARTMENT OF CHEMISTRY

Report of the programme

Name of the programme : Guest Lecture

Venue Room no 15

Date : 18.02.2025

Brief objective of the programme : • To understand the importance of chemistry in

everyday life.

• To know the usage of chemicals in various

products of daily usage.

To know about the impacts of chemicals in

environment around us.

Name of the chief guest : Dr. T. Amutha, M.Sc., M.Phil., Ph.D.,

Assistant Professor, with designation

Wavoo Wajeeha Women's College of arts& Science,

Tiruchendur.

Chemistry in everyday life & it's application Topic of the lecture

: 105 No. of participants

Outcome of the programme : • The students learnt the application of chemistry in

medicine, cleansing agent, food materials,

household and building materials.

· They gained knowledge about the composition of various drugs like analgesics, antibiotics,

antiseptics, disinfectants and antacids which are

used for specific purpose.

· They realised that how chemistry influences every

sphere of human life.











GOVINDAMMAL ADITANAR COLLEGE FOR WOMEN, TIRUCHENDUR- 628215



CHEMISTRY ASSOCIATION is conducting a Model Interview for UG final year Students



Mrs.M.Vijayakumari Association Secretary Mrs.P.Kalaichelvi HOD i/c Dr.P.Jeyanthi Principal

GOVINDAMMAL ADITANAR COLLEGE FOR WOMEN, TIRUCHENDUR

DEPARTMENT OF CHEMISTRY

Report of the Programme

Name of the programme

: Model Interview

Venue

: Room no 6

Date

16.04.2025

Brief objective of the programme

To prepare the students to face interviews

boldly.

To know the self- assessment of the students

about the subject and general knowledge.

No. of participants

: 27

Name of the interviewers with designation

Panel I:

I. Mrs. P. Kalaichelvi,

Assistant Professor of Chemistry & HOD

II. Dr. G. Kamalaselvi,

Assistant Professor of Commerce & HOD

Panel II:

I. Dr. M. Jansirani,

Assistant Professor of Chemistry.

II. Dr. C. Pappeswari,

Assistant Professor of Commerce.

Panel III:

- Dr. R. Gandhimathi, Assistant Professor of Physics.
- II. Dr. S. Radha, Assistant Professor of Zoology.

Outcome of the programme

:

- The students became courageous to face interviews in future.
- They also evaluated themselves by this programme and it reduced their stress level to present their responses in front of the interviewers.

Staff in-charge

Head of the Department













INTERCOLLEGIATE LEVEL PARTICIPATIONS (2024 – 2025)

List of Resource Persons

1.Dr. Arish Dasan

Researcher, Funglass- Centre for functional and Surface functionalized Glass Alexander Dubcek University of Trencin Trenčín, Slovakia



Assistant Professor PG and Research Department of chemistry, Mar Ivanios College (Autonomous) Thiruvananthapuram, Kerala

3. Dr. R. Selwin Joseyphus

Associate Professor PG and Research Department of chemistry, Mar Ivanios College (Autonomous) Thiruvananthapuram, Kerala

ORGANIZING COMMITTEE

Patron: Mr. S. Premkumar Rajasingh M.B.A., M.C.A

Secretary, NMCP

Chairman: Dr. R. Jeevi Esther Rathnakumari

Principal i/c & Head, Department of Chemistry, NMCP

Convenor: Dr. J. Sudha Philomina

Assistant Professor, Department of Chemistry, NMCP

Organizing: Dr. S.G. Jebastin Andrews

Secretaries Assistant Professor, Department of Chemistry, NMCP

Mr. J. Allwyn Jeyadurai

Assistant Professor, Department of Chemistry, NMCP

Advisory : Dr. C. Balakrishna

Assistant Professor, Department of Chemistry, NMCP Mrs. (Vasanthi Angel, Assis ant Professor, Department of Chemistry, NMCP

Contact Details: Dr.J.Sudha Philomina +91-9080438085

C.S.I. THOOTHUKUDI - NAZARETH DIOCESE

NAZARETH MARGOSCHIS COLLEGE





One Day International Conference On

Integrating Digital Advancements and

Chemistry for Sustainable Future



Date:14th August 2024

Time: 10.00 am - 4.00pm

Venue: Conference Hall

Organized by

Department of Chemistry

Nazareth Margoschis College at Pillaiyanmanai





ABOUT THE INSTITUTION

Nazareth Margoschis College at Pillaiyanmanai is a co-educational institution providing programs in Arts, Science, and Commerce. Located on the Tirunelveli to Sathankulam road near Pillaiyanamanai on the outskirts of Nazareth. Our college spans 46.5 acres, surrounded by beautiful farmyards. This serene area provides an ideal environment for pursuing education. The college was named in honor of Missionary Rev. Canon Arthur Margoschis, who did Evangelistic and developmental work in Nazareth and was regarded as the father of Nazareth. This College is enlightening the youths by providing quality education and imparting good discipline. Under the auspices of the Thoothukudi-Nazareth Diocese, the institution offers a diverse range of academic programs, including nine undergraduate courses and five postgraduate courses in Mathematics, History, English, Chemistry and Commerce. Additionally, its research centers specializing in Commerce, English, and Mathematics provide Ph.D. programs, facilitating advanced academic endeavors.

ABOUT THE DEPARTMENT

The Department of Chemistry was established in 1978, and the M.Sc. Chemistry program was introduced in 2001. The department is crowned with staff members who are well qualified and dedicated and well equipped analytical laboratory for both B.Sc. and M.Sc. Chemistry with essential facilities. Students from this department consistently achieve high ranks in university exams and secure positions in prestigious organizations worldwide. Students from both programs are actively engaged in academic projects within popular fields such as Nano, Electrochemistry, and Organic Chemistry.

SCOPE OF THE CONFERENCE

The national conference aims to bring out the significance of applications of AI in chemistry. Chemistry and artificial intelligence (AI) worked together for enhanced drug discovery, designing molecules, identifying promising research directions. AI serves as a powerful lever and force multiplier, significantly enhancing the capabilities of researchers. By embracing AI, chemists can not only enhance their productivity but also position themselves at the forefront of a rapidly evolving scientific landscape. The conference will feature expert speakers and networking opportunities designed to inspire collaboration and foster the exchange of ideas

Participants will engage in discussions about cutting-edge AI technologies and their applications in various subfields of chemistry, including medicinal chemistry, materials science, and environmental chemistry. We will also highlight successful case studies where AI has been pivotal in advancing research and improving outcomes. We invite all attendees to participate actively, share their experiences, and collaborate in shaping the future of AI in chemistry

Registration

On-the-spot registration and online registration is open to all participants. The registration fee includes the seminar kit, lunch and refreshments.

Registration Link: https://forms.gle/AcNmpaSaPoosXpxW7

Call for Papers & Abstracts

Full length paper and abstracts are invited in MS word using font style Times new Roman(12 font size) 1.5 line spacing, not exceeding 250 words with Corresponding author's e-mail address. Abstract should be sent to the mail id icidac2024@gmail.com. The abstract should reach the given mail id on or before 12th August 2024. The paper and abstract will be published as book with ISBN number.

Registration Fee

Participants :Rs. 200 Poster presentation : Rs. 300

Registration Fee can also be paid through the QR Code

GOVINDAMMAL ADITANAR COLLEGE FOR WOMEN, TIRUCHENDUR

DEPARTMENTOF CHEMISTRY

Report of the programme

: International Conference on Integrating Name of the programme

digital advancements and Chemistry for

sustainable future (ICIDAC-2024)

Level : International level

Name of the organizing institution Department of Chemistry,

Nazareth Margoschis College,

Pillaiyanmanai.

Date : 14.08.2024

No. of participants : 5

Name of the participants : 1. K. Boomika

2. S. Indhumathi

3. M. Kiruthiga Banu

4. T. Sahana

5. V. Shree Jaganya





Church of South India - Thoothukudi-Nazareth Diocese

NAZARETH MARGOSCHIS COLLEGE AT PILLAIYANMANAI

A Christian Minority Co-Educational Institution Accredited by NAAC – Il cycle with "B++" Grade (CGPA: 2.93) Affiliated to Manonmaniam Sundaranar University, Tirunelveli



Department of Chemistry

CERTIFICATE

This is to certify that Mr/Ms/Dr. V. SHREE. JAGANYA.....

has Participated in the International Conference on "Integrating Digital Advancements and Chemistry for Sustainable Future" (ICIDAC 2024) held on 14 August 2024.

Organizing Secretaries

Dr. S.G.Jebastin Andrews

Prof. J. Allwyn Jeyadurai

Convenor

Dr. J. Sudha Philomina

Principal i/c

Dr. R. Jeevi Esther Rathnakumari



About the College

Aditanar College of Arts and Science was established in the year 1965 with the prime objective of providing quality higher education and taking care of intellectual, social, economic, emotional needs of students by Sri. Si. Pa. Aditanar. The institution aimed at imparting quality education to the rural masses and to inculcate a sense of social justice and responsibility among the students and motivate them to render meaningful welfare service to the society and fellow beings. The college is affiliated to the Manonmaniam Sundaranar University, Tirunelveli and re-accredited in the fourth cycle with 'A' grade by NAAC. The college offers twelve UG programmes and five PG programmes. The research centre in Maths, Economics, English, Chemistry and Zoology offer Ph. D. programme. To enrich the literacy and cultural talents of the students, various literacy and cultural clubs are functioning in our college.

About the Department

Department of Chemistry was established in the year 1966. The Department offers B.Sc., Ph.D. programs and Certificate/Diploma courses in Soil Science and Agricultural Chemistry, Department organizes innovative and relevant activities for the students regularly. The Department was recognized in 2008 as a research centre by Manonmaniam Sundaranar University, Tirunelveli. The Department has produced nearly 22 Ph.D. scholars. The department offers a vibrant atmosphere for research scholars to pursue their research in a highly encouraging environment. Many of our alumnae have pursued advanced research abroad, making significant contributions to their fields on a global scale.

About the Seminar

The scope of innovative frontiers in chemistry is vast and multidisciplinary, encompassing emerging fields such as material science, nanoscience, design and synthesis of noval pharmaceutical compounds and various interdisciplinary research areas. These fields have the potential to drive the development of new technologies, transform industries and address global challenges. The seminar provides an opportunity for everyone to network, exchange ideas and present their research to the international community. Our goal is to inspire and energize students and young researchers by highlighting the latest trends in current scientific research.

Aditanar College of Arts and Science (Re-accredited in the fourth cycle with "A" Grade by NAAC)

Virapandianpatnam - 628216 Tiruchendur, Tamil Nadu.

TONE BELLEVIOLOGICAL CONTRACTOR SERVICE SERVIC

ON

"INNOVATIVE FRONTIERS IN CHEMISTRY"

10th January 2025



Organized by

Department of Chemistry & **Research Centre**

Organizing Committee Patron

Thiru. S. Balasubramanian Adityan Chairman

Aditanar Educational Institution

Advisors:

Dr. S. Jeyakumar Dr. D. S. Mahendran Principal

Secretary HOD

Dr. C. Kavitha **Associate Professor**

Dr. P. Deepa Rani Assistant Professor Convenor:

Organizing Secretary : Dr. A. Ramdass Assistant Professor

Committe Members:

Assistant Professor

Dr. K. Jacinth Mispa Dr. I. Abulkalam Azath **Assistant Professor**

> Miss. T. Kodispathi **Assistant Professor**

Keynote Address



Dr. Kumar Ganesan M.Sc., Ph.D (IITM)

(PDF in Purdue Univeristy under the guidance of Nobel Laureate Dr. Herbert C. Brown, USA), Motivational speaker, writer and correspondent AIM school, Azhagappapuram, K.K. district.

Resource Person

Session - I

Topic: Exploring the Role of Chemistry in Driving Industry 4.0 Advancements



Dr. Arish Dasan
Researcher
Funglass, Alexander Dubcek
University of Trencin, Trencin
Slovakia.

Session - II

Topic: Development of Fluorescent Probes for Visual Sensing Systems



Dr. K. Swarnalatha

Professor & Head Manonmaniam Sundaranar University Tirunelveli.

Registration Fee

Students/Scholars: Rs. 200/-

Spot registration is allowed. Registration fees to be paid only by cash. The fee covers seminar kit, refreshment and lunch. No TA/DA will be paid.

For Further Assistance

Dr. P. Deepa Rani +91-9003321573 Dr. A. Ramdass +91-6383505785

Program

Venue: Indoor Auditorium

9.45 -10.15 am : Registration 10.15-11.00 am : Inauguration & Keynote Address

11.00-11.15 am : Tea Break
11.15-1.00 pm : Session I
1.00 -1.55 pm : Lunch
2.00-3.15 pm : Session II
3.15-3.30 pm : Tea Break
3.30-4.00 pm : Valedictory

GOVINDAMMAL ADITANAR COLLEGE FOR WOMEN, TIRUCHENDUR DEPARTMENT OF CHEMISTRY

Report of the programme

Name of the programme : International Seminar on "Innovative

Frontiers in Chemistry"

Level : International level

Name of the organizing institution : Department of chemistry & Research center

Aditanar College of arts & Science,

Tiruchendur.

Date : 10.01.2025

No. of participants from our college : 7 (III B.Sc. Chemistry)

Name of the participants : 1. S. Indhumathi

2. R. Kaviya

3. G. Kiruthiga Banu

4. M. Raga Sudha

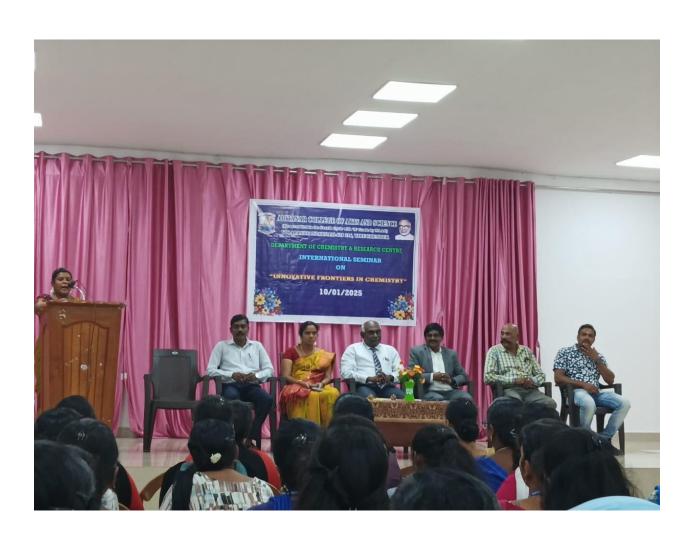
5. M. Raja Lakshmi

6. J. Vanitha Priya Dharshini

7. S. Veyilugandal

Mijaya kumi Staffin charge 11/25

Head of the department





ADITANAR COLLEGE OF ARTS AND SCIENCE

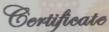
(Re-accredited in the Fourth Cycle with 'A' Grade by NAAC)
VIRAPANDIANPATNAM-628 216, TIRUCHENDUR

DEPARTMENT OF CHEMISTRY & RESEARCH CENTRE

INTERNATIONAL SEMINAR

ON

"INNOVATIVE FRONTIERS IN CHEMISTRY"



Cortycuic
This is to certify that Dr./Mr./Ms. M. KTRUTHIGA BANU, III. BSc. chemistry.
Cariada and Aditagon College for Women, Minuchenaux
has actively participated in the internacental
on "INNOVATIVE FRONTIERS IN CHEMISTRY" Organized by Department of Chemistry and Research Centre, Aditanar College of Arts and Science,
Tiruchendur on 10 January 2025.
P. P. D. P. DEEPA RANI Dr. C. KAVITHA Dr. D. S. MAHENDRAN PRINCIPAL
Dr. A. RAMDASS Dr. P. DEEFA ROLL HOD RGANIZING SECRETARY CONVENOR

The Institution and the Department

Aditanar College of Arts and Science were established in the Year 1965, by Si. Pa. Aditanar to provide quality education to the deprived and underprivileged section of the society. Thanks to the philanthropy of Thiru. Si. Pa. Aditanar M. A., Bar-at-Law, and his illustrious son founder President Padmashree Dr. B. Sivanthi Adityan and his extraordinary grandson Thiru. S. Balasubramanian Adityan. The college is affiliated to the Manonmaniam Sundaranar University, Tirunelveli and re-accredited in the fourth cycle with 'A' grade by NAAC.

The college offers twelve Under Graduate programmes and five PG programmes (Economics, English, Mathematics, Chemistry and Zoology). The research centre in Maths, Economics, English, Chemistry and Zoology offer Ph.D. programme. To enrich the literacy and cultural talents of the students, various literacy and cultural clubs are functioning in our college. Several major and minor research projects sponsored by UGC, DST and TNSCST have been taken by our staff members. The "Sivanthi Community Radio" (90.4 MHz) approved by the Ministry of information and Broadcasting, Government of India, New Delhi broadcasts from our college.

college.

The PG Department of Chemistry was established in the year 2003 with M.Sc. Chemistry Programme. Subsequently M.Phil. Chemistry was started in 2007. The department has Analytical Laboratory for M.Sc. Chemistry with all fundamental requirements. II M.Sc. Chemistry students

are doing academic project in the thrust areas like Nanotechnology, Green Chemistry, Organic chemistry, Medicinal chemistry, Electrochemistry and Environmental Chemistry.

Aim of the Conference

This conference mainly focuses on importance of metals and their complexes in therapeutic applications and also the applications of electrochemical biosensors. Hence, the conference will motivate the young researchers for higher learning and thirst for innovative research in the area of

- Medicinal chemistry
- ➤ Bioinorganic chemistry
- Biosensors
- > Electrochemistry

Registration and Submission of Abstracts

Spot registration is allowed. Registration fee includes cost of conference kit, lunch and refreshments. No TA/DA will be provided. We have planned to bring out the abstracts in the conference proceedings. The participants are invited to submit their abstracts of research work for poster and oral presentation of about one page (1.5 line spacing and 12 font size in Times New Roman). It should contain title, name and address of the authors (presenting author should be underlined). All abstracts should be submitted through email (adltanarpgechemistry@gmail.com)

as an attachment file on or before 13/02/2025.

Aditanar College of Arts and Science (Re-accredited in the 3* cycle with 'A' Grade by NAAC) Virapandianpatnam – 628 216 Tiruchendur, Tamil Nadu www.aditanarcollege.com



A NATIONAL CONFERANCE ON

INNOVATIVE TRENDS IN METAL BASED THERAPEUTICS AND

BIOSENSORS (ITMTB - 2025)

17 February 2025

Organized by Department of PG Chemistry

Organizing Committee

Patron:

Thiru. S. Balasubramanian Adityan

Chairman Aditanar Educational Institution Tiruchendur

Advisors .

Dr. S. Jeyakumar

Secretary Aditanar College of Arts and Science

Tiruchendur

Dr. D. S. Mahendran

Principal

Aditanar College of Arts and Science

Tiruchendur

Convener:

Dr. N. Kohila

Head & Assistant Professor

Dept of PG Chemistry
Aditanar College of Arts And Science

Organizing Secretary:

Mrs. R. Umadevi Assistant Professor

Committee Members:

Dr. P. Muhambihai

Assistant Professor

Dr. A. Antony Muthu Prabhu

For further details contact

Mobile No.: 7339409399 & 9787583785

Guidelines for poster

Breadth : 90 cm Length : 80 cm

ITMTB Awards

Prizes for best oral and poster presentation will be awarded in the Valedictory Function

Registration Fee

Participation : Rs. 200/-

Presentation : Rs. 250/-

PROGRAMME

17.02.2025 Monday

Indoor Auditorium

Registration : 9.30 am -10.15 am Inaugural Function : 10.15 am

Welcome Address:

Dr. N. Kohila

Head & Assistant Professor

Dept of PG Chemistry Aditanar College of Arts And Science

Tiruchendur

Presidential Address:

Dr. D. S. Mahendran

Principal

Aditanar College of Arts and Science Tiruchendur

Felicitation :

Dr. S. Jeyakumar

Secretary Aditanar College of Arts and Science

Tiruchendur

Vote of Thanks: Mrs. R. Umadevi

Assistant Professor

Tea Break : 11.00 am - 11.15 am

SESSION I: 11.15 am - 12.15 pm

Resource Person:

Dr. Jijo Johnson

Assistant Professor and Head Department of Chemistry Santhom Malankara Arts and Science College Edanji, Thiruvananthapuram

Kerala.

"Metal-Based Therapeutics: Advancements

and Challenges'

SESSION II: 12.15 pm - 1.15 pm

Resource Person:

Associate Professor Department of Chemistry V.O.C College, Thoothukudi.

Topic:

"Sensors of Biomolecules

byElectrochemical Method"

Lunch Break : 1.15 pm - 2.00 pm

SESSION III: 2.00 pm to 3.00 pm

Oral & Poster Presentation

: 3.00 pm - 3.15 pm

Valedictory Function: 3.15 pm - 4.15 pm

Valedictory Address

Certificate & prize distribution

Vote of Thanks :

Dr. P. Muhambihai

Assistant Professor

National Anthem

GOVINDAMMAL ADITANAR COLLEGE FOR WOMEN, TIRUCHENDUR

DEPARTMENT OF CHEMISTRY

Report of the programme

Name of the programme

: National Conference on "Innovative Trends in Metal Based Therapeutics and

Biosensors(ITMTB-2025)"

Level

: National level

Name of the organizing institution

: Department of PG Chemistry,

Aditanar College of arts & Science,

Tiruchendur.

Date

: 17.02.2025

No. of participants

: 7 (III B.Sc. Chemistry)

Name of the participants

: 1. G. Abiramiselvi

2. G. Amutha

3. M. Esakki Devika

4. G.MahaLakshmi

5. M.V. Nalini

6. R. Nithya Amutha

7. N. Suba

Staff in charge

Head of the department





ADITANAR COLLEGE OF ARTS AND SCIENCE



(Re-accredited in the Fourth Cycle with 'A' grade by NAAC) VIRAPANDIANPATNAM - 628 216, TIRUCHENDUR.



A NATIONAL CONFERENCE

ON

"INNOVATIVE TRENDS IN METAL BASED
THERAPEUTICS AND BIOSENSORS" (ITMTB - 2025)



Mode of Presentation : Poster / Oral

magnesium oxide nanoparticle for antimicrobial activity

Mrs. R. Umadevi Organizing Secretary or. N. Kohila

Dr. D. S. Mahendran