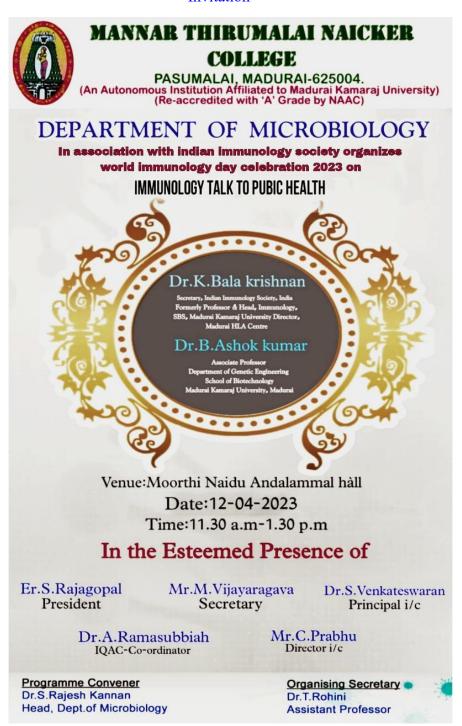
Mannar Thirumalai Naicker College (Autonomous) Madurai.

Department of Microbiology List of Events conducted in the year 2023-24

Immunology Day

Invitation







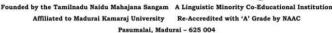
1) Account Holder Name: The Secretary,

Mannar Thirumalai Naicker College.

2) Report:



Mannar Thirumalai Naicker College (Autonomous)





Indian Immunology Society sponsored International Day of Immunology-2023

On the occasion of International Day of Immunology on April 29, 2023, a program aimed to articulate the interest in Immunology among Undergraduate College students a special programme sponsored by Indian Immunology Society (IIS) was conducted on 12th April, 2023, at Mannar Thirumalai Naicker College, Madurai (affiliated to Madurai Kamaraj University). The program was organized by Department of Microbiology, MTNC. A total of 90 undergraduate students from Department of Microbiology, Department of Chemistry and Department of Food and Dairy Sciences attended the program. At the Inaugural Function of this one-day program welcome address was given by Dr. S. Subramani, Assistant Professor, and an inaugural address was delivered by Dr. K. Balakrishnan Professor (Rtd), Department of Immunology, School of Biological Sciences, Madurai Kamaraj University, Madurai. Dr. S. Rajesh Kannan, Head Department of Microbiology felicitated the guest speakers Dr. K. Balakrishnan, Dr. S. Rajesh Kannan, Head Department of Microbiology felicitated the chief guests Dr. B. Ashok Kumar, Associate Professor, Department of Genetic Engineering, School of Biotechnology, Madurai Kamaraj University, Madurai and Mrs. A. Abirami, Assistant Professor, Department of Microbiology, MTNC has co-ordinated the events of the programme. The first Technical Session was given by Prof. Dr. K. Balakrishnan who spoke on "Concepts in Immunology and their Applications & Nobel prize winners related to immunological Research". Also, he interacted with the students and discussed about the global epidemics, importance of immune system, and its major functions with reference to immune protection and biological defense. Dr. Balakrishnan elaborated the activities of IIS in disseminating the knowledge of Immunology in India. After the tea break, the session continued with another

Special Lecture about "Vitamins and its Importance in personal health- especially during maternity", delivered by Dr. B. Ashok Kumar, Associate Professor, Department of Genetic Engineering, School of Biotechnology, Madurai Kamaraj University, Madurai. Earlier, the "Immunology Drawing Competition" was conducted to the students under the theme "Immunology Talks to Public Health" to create awareness about the immunology and related subjects. At the end of the technical sessions, Prizes were distributed for the winners of the Drawing Competition by the Resource Persons Dr. K. Balakrishnan, Secretary, IIS and Dr. B. Ashok Kumar, MKU.

The Winners of the Drawing competitions were as follows:

- 1.1st Prize A. Karthiyayini (1st year Microbiology, MTNC)
- 2. 2nd Prize Poornima (1st year Microbiology, MTNC)
- 3. 3rd Prize- G. Karthiga (2nd year Microbiology, MTNC)

Colourful charts were displayed in the Conference Hall and engrossing activities throughout the session highlighted the fervour of Immunology Day Celebrations. Dr. T. Rohini, Assistant Professor, Department of Microbiology, MTNC gave Vote of Thanks. Finally, the program ended with National Anthem.

On this occasion, on behalf of the Organizing Committee of Mannar Thirumalai Naicker College, Indian Immunology Society and II-EC was thanked for supporting generously to conduct the program for the benefit of undergraduate science students at Madurai.

3) Statement of Expenditure:

Statement of Expenditure

S.No	Particulars	Amount in Rs/-
1	Prizes for winners (shield)	(1390 + 760) 2150
2	Refreshment	(2880+240+240) 3360
3	Note pad + Pen	2,100
4	Documentation & Printing	800
5	Certificate Designing & Printing	1200
6	Brochure & Flex designing & Printing	950
	Total	10,560/-

ROHINI

DIRECTOR 3/L WANNARTHIRUNALAN NAICKER COLLEGE (SF) PASUMALAI, MADURAI - 625 094

World Environment Day

Invitation

MANNAR THIRUMALAI NAICKER COLLEGE

PASUMALAI, MADURAI-625004.

(An Autonomous Institution Affiliated to Madurai Kamaraj University) (Re-accredited with 'A' Grade by NAAC)

IN View of "WORLD ENVIRONMENT DAY" On JUNE-5

The Department of Microbiology, observes World Environment Day, on June-27, by organizing a Guest lecture on

"CLIMATE CHANGE"

Dr•R•S • Suja Rose

Assistant Professor & Head-In-Charge,
Department Of Environmental
Remote Sensing & Cartography,

SCHOOL OF EARTH AND ATMOSPHERIC SCIENCES, MADURAI KAMARAJ UNIVERSITY, MADURAI.

VENUE: MOORTHI NAIDU ANDALAMMAL HALL DATE: 27-06-2023 TIME: 11.30AM-1.30PM

IN THE ESTEEMED PRESENCE OF

Er.S.Rajagopal President Mr.M.Vijayaragavan Secretary Dr.A.Ramasubbiah Principal

Dr.D.Vimala IQAC-Co-ordinator Mr.C.Prabhu Director i/c

Organising Secretaries

Dr.T.Rohini Assistant Professor

Mrs.A.Abirami Assistant Professor

Convener

Dr.S.Subramani Head, Dept.of Microbiology











Report on the Guest Lecture on Land Restoration, Desertification and Drought Resilience.

The students of Microbiology, Food and Nutrition and Chemistry have participated in Guest Lecture on 26^{th} June 2024, organised by the department of Microbiology, Mannar Thirumalai Naicker College, (Autonomous), Madurai. The session started at 11.30 a.m -01.30 p.m. in the afternoon and the students were assembled in the Moorthi Naidu Andalammal Hall.

Before starting the session, **Dr.R. Manonmani**, Guest Lecturer, Department of Environmental Remote Sensing & Cartography, School of Earth and Atmospheric Science, Madurai Kamaraj University, Madurai has gave an introduction on Remote Sensing Technology and Mapping tools. And, then she elaborated on the Climate Change impacts in India, by the influence of raising sea level, Decrease in Snow & Ice extent and Changes in rain & Snowfall and then she deeply enlighten issue related to land deforestation due to increasing population.



She addressed on the Global issues and National issues such as Elements of reviving our earth. Drought and Desertification Global impact of climate change, Green house effect, Increases in Temperature, Decline in Agriculture, deforestation & Air pollution with respect to climate change. She has shown some images which is related to Desertification and Vulnerability and Desertification. Finally she concluded with the slogan "Our Land, Our Future. We are Generation Restoration".

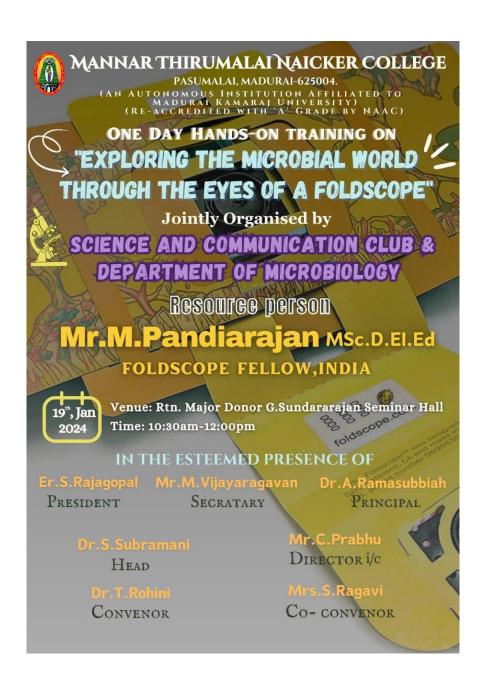


A total of 149 students from Microbiology, Food and Nutrition & Chemistry were attended the Guest lecture and benefitted.

Head of the Department

One-Day Hands-on Training on 'Exploring the Microbial World Through The Eyes of a Foldscope'

Invitation







Report

The Department of Microbiology, in-association with the Science and Communication Club, jointly organized a One-day Hands-on Training Program on 'Exploring the Microbial World through the Eyes of a Foldscope', on 19th January 2024, for the students of the Departments of Microbiology, Physics, Maths, Food & Nutrition and Chemistry. Dr. P. Kavitha – Assoc. Professor and Head of the Department of Physics and Mrs. S. Ragavi – Asst. Prof. in Maths – co-convenor of the program, from the Science and Communication Forum, coordinated the event. The program started with the prayer song. III B. Sc., Microbiology student Prem Kumar M., welcomed the gathering. Convenor of the program Dr. T. Rohini introduced the Guest Speaker of the day Mr. M. Pandiarajan – Fold scope Fellow, India.

The workshop started with an introductory video session on foldscope assembly. The chief-guest first explained about the discovery of the instrument, along with the demonstration of foldscope instrument assembly. A few students showed interest in purchasing the instrument it. Hand-on training on assembly of the instrument was given by the chief-guest team — who guided the students to self-assemble the instrument for use. A total of 174 students [Microbiology-52, Physics-59, Chemistry-20, Maths-29, Food & Nutririon-14] participated in the workshop and benefitted.R. M. Karthiga of III B. Sc., Microbiology proposed the vote of thanks. The workshop instilled the knowledge of Foldscope in the students.

Head of the Department

Dr.S.SUBRAMANI M.Sc., PGDCA., Ph.D. Head, Department of Microbiology (SFW) MANNAR THIRUMALAI NAICKER COLLEGE (Autonomous) PASUMALAI. MADURAI-625 004.

World AIDS Day Observation

Invitation



(RE-ACCREDITED WITH 'A' GRADE BY NAAC) DEPARTMENT OF MICROBIOLOGY

In view of the observation of

WORLD ADS DAY (DEC 1st)

YOU ARE CORDIALLY INVITED FOR GUEST LECTURE ON

"INSIGHTS ON HIV-TB COINFECTION:
A MICROBIOLOGICAL PERSPECTIVE"

BY

Dr.P.Paul Kumaran MBBS,BA(PSYCOLOGY), MPH SCIENTIST -F, DEPARTMENT OF CLINICAL RESEARCH,

ICMR-NIRT, MADURAI.

DEC 20th 2023

HEAD

VENUE: COE SEMINAR HALL TIME: 11:45AM-1:30PM

IN THE ESTEEMED PRESENCE OF

Er.S.Rajagopal Mr.M.Vijayaragavan Dr.A.Ramasubbiah
PRESIDENT SECRATARY PRINCIPAL

Dr.S.Subramani Mr.C.Prabhu Dr.T.Rohini

DIRECTORI/C

CONVENOR





Mannar Thirumalai Naicker College (Autonomous) Madurai.

Department of Microbiology

Report on the Observation of World AIDS DAY

The Department of Microbiology observed World AIDS Day, by conducting a technical Guest Lecture entitled 'Insights on HIV-TB co infection: A Microbiological perspective', for the students of the Department on 20th December 2023. The guest lecture was delivered by Dr. P. Paul Kumaran, MBBS, BA (Psychology), MPH Scientist - F, Department of Clinical Research, ICMR-NIRT, Madurai. The program started by 12:00pm. Head of the Department -Dr. S. Subramani, welcomed the gathering. Asst. Prof. Dr. T. Madhan Mohan introduced the chief guest. The chief guest delivered an elaborative lecture and had an interaction with the audience, covering a vast area related to the topic like vaccination, co-infection, reactivation TB, etc... The program came to an end at 1:30pm with the vote of thanks by Dr. T. Rohini -Asst. Prof. and convenor of the program. A total of 58 students from the Department, attended the lecture and benefitted.

SRI KALISWARI COLLEGE (Autonomous)

Re-Accredited with 'A' grade (3" Cycle) by NAAC with CGPA 3.11





DEPARTMENTS OF BIOTECHNOLOGY & BOTANY

with

MANNAR THIRUMALAI NAICKER COLLEGE, MADURAI

Students Exchange Programme

One Day Workshop

PLANT TISSUE CULTURE TECHNIQUES

Date : 23.08.2023 (Wednesday)

Time: 10.00 a.m. - 04.00 p.m.

Venue: Smart Class Room



All Are Cordially Invited * *

Dr.M. Sujatha

Dr.R. Narayanaprakash

Senior Faculty

Head Dept. Bio-Tech & Botany

Dr.P.K. Balamurugan

Shri.A.P. Selvarajan

Secretary

Ms.R.Muthulakshmi Vice-Principal

Principal

Scanned with CamScanner









One day Workshop on Plant Tissue Culture Technique

On 23rd August 2023, the students from the Department of Microbiology, Mannar Thirumalai Naicker College have been taken to participate in One Day Workshop on Plant tissue culture Techniques organized by the Department of Biotechnology & Botany, Sri Kalishwari College, Sivakasi. This workshop has been organized with respect to the MOU signed with the concern College, 67 Students from Microbiology Department of our college have registered to participate in that workshop with a registeration fee of 150/- and they were accompanied by three staff members of Microbiology Department, Dr. T. Robini, Mrs. A. Abirami, Mrs. V.Bala Gurudevi. We have departed at 08.00 a.m and reached the College by 09.30 a.m.

Dr. P. K. Balamurugan, Principal Sri Kalishwari College presided over the meeting. Dr. M. Sujntha, Head & Assistant Professor, Department of Biotechnology & Botany, Sri Kalishwari College, headed the program. Dr. R. Narayana Prakash, Senior Faculty felicitated the gathering. Dr. A. Rajalakshmi. Assistant Professor, Department of Biotechnology acted as the resource person. She gave a brief presentation on Plant Tissue Culture Techniques and elaborated on the media preparation and Sterilization in PTC. Refreshment & Lunch was arranged for the participants.

The Students were taken to campus visit, where they have perceived the sight of Vermicompost unit, Mushroom Cultivation Unit, Botanical Garden, and to Bio Instrumentation centre by the staff members of Department of Biotechnology & Botany, Sri Kalishwari College. Followed by this, the student participants of our college were given kands on training individually in Inoculation room, Plant Tissue Culture Laboratory. Dr. T. Victor Athisayam, Assistant Professor, Department of Biotechnology delivered the vote of thanks. This student exchange program helped the student of our college to visit the laboratory and got skilled in PTC techniques.

Organizing Secretaries

Dr. T. Robini

Mrs. A. Abirami

Dr.S. SUBRAMANI MED AGRA, PM.
Head, Department of Microbiology (SPM
Head, Department of Microbiology (SPM
HANNAR PHIRUMALA) MICROS COLLEGE
HANNAR PHIRUMALA) 628 00%.

Observation of National Science Day







Report

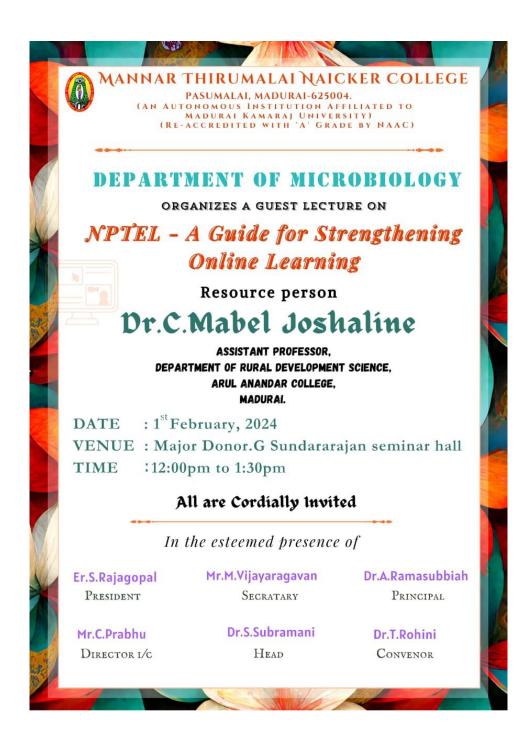
The Department of Microbiology observed National Science Day on February 29, 2024, by organizing two guest lecturers for the students of Microbiology. The keynote speakers were Dr. P. Sundaresan - Senior Scientist, Department of Molecular Genetics, Aravind Medical Research Foundation [AMRF], Madurai and Dr. P. Varalakshmi, Assoc. Prof. & Head in-charge, Department of Molecular Microbiology, Madurai Kamaraj University, Madurai.

The program started by 11:30am, with the welcome address delivered by III B. Sc., Microbiology student R. M. Karthika. The chief guests were introduced to the audience by Dr. T. Rohini, Asst. Professor and convenor of the program. The first session was delivered by Dr. P. Sundaresan, in which the speaker shed light on gene therapy, covering a vast area from basics to virus culture.

The second session started by 12:15am by Dr. P. Varalakshmi in which the speaker delivered a lecture on 'Fungal derivatives for non-communicable diseases', in which a wide range of topics including Advance Glycation End products [AGE], application of Caenorhabditis elegans in the treatment of non-communicable diseases, etc.., were covered. A total of 76 students attended the program. The program came to an end at 1:30pm with the vote of thanks proposed by Poornima of II B. Sc., Microbiology.

Guest Lecture on NPTEL - A Guide for Strengthening Online Learning

Invitation







Report

The Department of Microbiology conducted an invited Guest lecture for the students of the Departments of Microbiology, Food & Nutrition and Chemistry on February 1, 2024. The guest lecture on 'NPTEL – A Guide for strengthening Online Learning' was delivered by Dr. C. Mabel Joshaline, Asst. Professor, Department of Rural Development Program, Arul Anandar College, Madurai.

The program started by 12:00pm with the welcome address delivered by III B. Sc., Microbiology student R. M. Karthika. Dr. T. Rohini, convenor of the program introduced the guest speaker. The speaker then delivered an elaborate lecture on NPTEL and Swayam online courses. She also explained the added benefits and weightage of the courses in scoring during interviews. In addition, the steps involved in registering for an online course was also demonstrated live. A total of 126 students from three Departments participated in the program. At the end of the session, the students acquired the knowledge of the importance in completing additional courses like NPTEL-certified short-term courses. The program came to an end with the vote of thanks by Poornima of II B. Sc., Microbiology.

Convenor

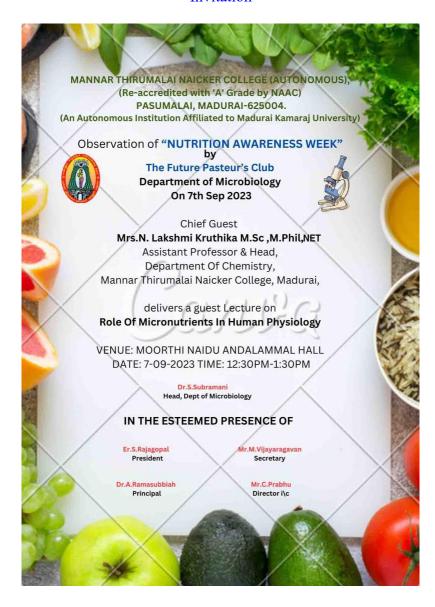
Head of the Departmen

Dr.S.SUBRAMANI M.Sc., PGDCA., Ph.D., Head, Department of Microbiology (SFW) MANNAR THIRUMALAI NAICKER COLLEGE (Autonomous)

PASUMALAI, MADURAI-625 004:

Guest Lecture on Role of Micronutrients in Human Physiology

Invitation







Mannar Thirumalai Naicker College, (Autonomous), Madurai

Department of Microbiology (SFW)

Report on 'Observation of Nutrition Awareness Week (Sep 1-7) on 7th September 2023

The Future Pasteur's Club of the Department of Microbiology, observed 'Nutrition Awareness Week (September 1-7) on 7th September 2023, by conducting a series of events for the students of the Departments Food & Nutrition, Chemistry and Microbiology. The function was attended by around 150 members from the three Departments. The events included three interdepartmental competitions for the students of the concerned Departments and a Guest lecture. The competitions started by 11:30AM at the Department of Microbiology. Quiz competition was conducted in the I B. Sc., Microbiology classroom, Poster presentation was conducted at II B. Sc., Microbiology classroom and Pencil sketching was conducted at III B. Sc., Microbiology classroom, by the students from the Louis Pasteurs' Club of the Department. At 12:30PM, all the participants gathered at Moorthi Naidu Andalammal Arangam. Nivetha of I B. Sc., Microbiology welcomed the gathering and the Chief guest of the day Mrs. N. Lakshmi Kruthika - Assistant Professor & Head, Departments of Regular & SF Chemistry, Mannar Thirumalai Naicker College, Madurai, addressed the gathering on 'Role of Micronutrients in Human Physiology', The chief guest elaborated the role of different micronutrients and their importance in human health. The chief guest then distributed the prizes and certificates to the event winners and runners. Poornima of III B. Sc., Microbiology, proposed the vote of thanks and the event came to an end with a grand

Dr.S.SUBRAMANI M.Sc., PGOCA., Head, Department of Microbiology (S.) MANMAR THIRUMALA! HAICHER COLL.