



MOTHER TERESA WOMEN'S UNIVERSITY

Accredited with 'A' Grade by NAAC in Cycle-III with CGPA of 3.1

A State University

(Established Under the Act 15 of TamilNadu 1984)

Attuvampatti, Kodaikanal-624 101



MTWU NEWS FLASH

A Bi-annual Newsletter

VOL : 6 ISSUE : I

June 2021—November 2021



**“NOT ALL OF US CAN DO GREAT THINGS. BUT WE
CAN DO SMALL THINGS WITH GREAT LOVE.”**

— MOTHER TERESA

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Editorial Committee

Editor-in-Chief : **Dr. Vaidehi Vijayakumar,**
Vice Chancellor,
Mother Teresa Women's University, Kodaikanal

Editor : **Dr. C. Hilda Devi**
Registrar i/c
Mother Teresa Women's University, Kodaikanal

Vice Chancellor's Message



Our university has a reputation for running its academic programmes and exams on time. Both the choice-based credit system for the two-year (four semesters) Master's degree programme and the credit-based semester system at the undergraduate level are effective. The University constantly places a high focus on having enough infrastructure. The campus's basic amenities include a well-equipped outpatient health centre, an administrative building, faculty buildings, a library, student hostels, staff quarters, guest houses, and sports facilities, including an indoor games complex. For all significant and mega events, the Auditorium with state-of-the-art facilities is available. On campus, there is a separate water supply system for the university. Banking, Cyber Cafes, INFLIBNET, and postal and communication facilities are among the featured amenities.

Dr. Vaidehi Vijayakumar

Vice- Chancellor

Registrar's Message



Social scientists and decision-makers have given the contribution of women to society's growth and development much too little consideration. It's because gender discrimination is pervasive across all cultures. The variety of initiatives covered in this newsflash is a powerful testament to the faculty's work and the young capacity builders' excitement in eradicating gender inequity and creating a society that is both inclusive and sustainable. Women's involvement in this historic COVID-19 and efforts to address this difficult situation are both crucial. Women have the primary responsibility for protecting the safety of their family members because they are the primary carers and nurturers. While professionals, we Mother Teresians must adhere strictly to the rules set forth by our government as we continue our academic degrees and carry out our duties.

Best Wishes to the committee!!!

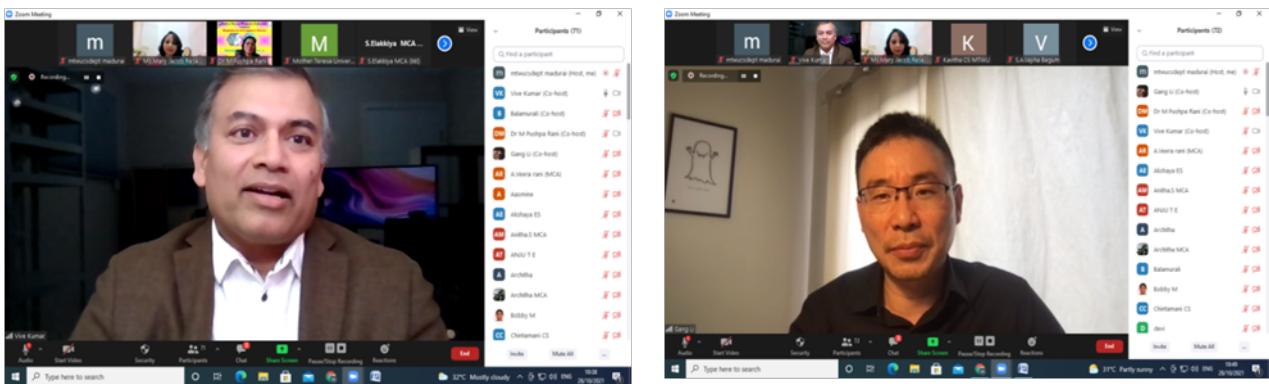
Dr. C. Hilda Devi

Registrar i/c

Department of Computer Science

Two Days International Conference on “Intelligent Computing Systems”(28th & 29th October 2021)

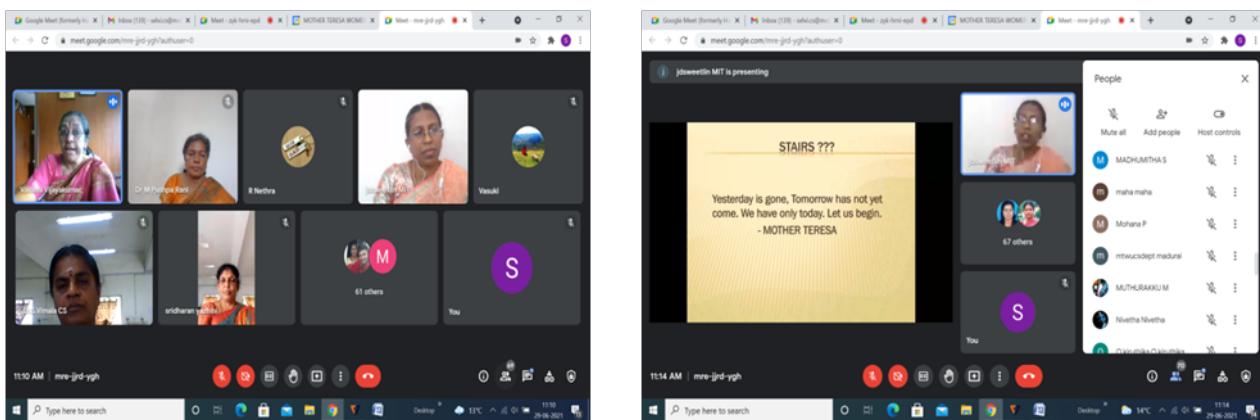
The Department of Computer Science, Mother Teresa Women's University, Madurai organized a Two days International Conference on Intelligent Computing Systems (ICICS21) in Online Mode on 28th & 29th October 2021. Welcome address from Dr. M. Pushpa Rani, Convener and Organizing Chair & Professor and Head of the Department of Computer Science. Hon'ble Vice Chancellor, Dr. Vaidehi Vijayakumar, delivered the presidential address. Registrar i/c Dr. Hilda Devi delivered the inaugural address with her influential message. The Inaugural session also witnessed the keynote addresses by eminent speakers Dr. Gang Li, Associate Professor, Director of SIT, Deakin University, Australia and Dr. Balamuralidhar, Chief Scientist & Head of Innovation Lab, Tata Consultancy Services, Bangalore. Plenary sessions handled by Dr. Gang Li, Associate Professor, Director of SIT, Deakin University, Australia, Dr. Emerson Raja, Professor, Faculty of Engineering and Technology, Multimedia University, Malaysia and Dr. Vivekanandan Suresh Kumar , Professor , School of Computing and Information Systems , Athabasca University, Canada and Prof.Dr. Muralikrishna Iyyanki, Director of Academic Programs (India), University of California. Chairpersons have invited from renowned institutions, Dr. E.Ramaraj from Alagappa University, Dr. M.Balamurugan from Bharathidasan University, Dr. Thangaraj from Madurai Kamaraj University, Dr. Thiagarajan from Central University, Dr. Srividhya Jananie, Department of Computer Science and Engineering, Anna University and Dr. Josephine Jaseline Anitha, Professor & Head, Department of Computer Science, SVN College. Valedictory function has Dr. Bashiru Aremu, Vice Chancellor, Crown University, Santa Cruz in Argentina and Dr. Xavier Fernando, Professor and Director, Ryerson University, Canada.



Resource Persons: Dr. Vivekanandan Suresh Kumar , Professor , School of Computing and Information Systems , Athabasca University, Canada, Dr. Gang Li, Associate Professor, Director of SIT, Deakin University, Australia, Prof.Dr. Muralikrishna Iyyanki, Director of Academic Programs (India), University of California, Dr. Bashiru Aremu, Vice Chancellor, Crown University, Santa Cruz in Argentina, Dr. Xavier Fernando, Professor and Director, Ryerson University, Canada and Dr. Balamuralidhar, Chief Scientist & Head of Innovation Lab, Tata Consultancy Services, Bangalore.

Department of Computer Science**Webinar on “The Stairs” (29.06.2021)**

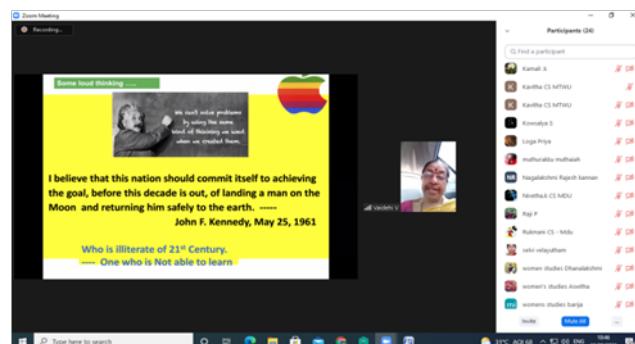
The Department of Computer Science, MTWU, Kodaikanal organised a Webinar on “**The STAIRS**” in Online Mode due to COVID’19 on 29th June 2021. Dr. M.Pushpa Rani, Professor and Head in Computer Science welcomed the delegates and gave a thematic introduction about the webinar. The Presidential address was delivered by Hon’ble Vice Chancellor Dr. Vaidehi Vijayakumar. Dr. Dhalia Sweetlin, Assistant Professor in Information Technology, Anna University was the Resource Person in this webinar. Finally, Dr. S.Vimala, Associate Professor delivered vote of thanks. There are more than 100 participants from various departments took part in the webinar.



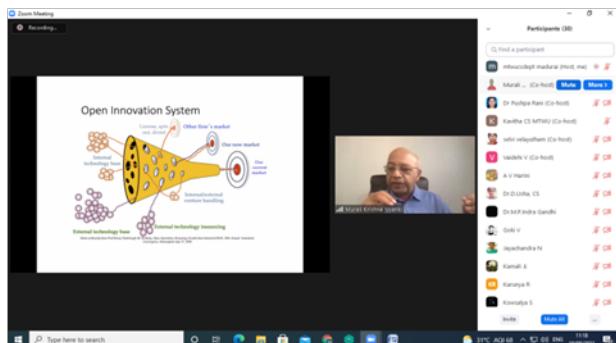
Resource Person: Dr. Dhalia Sweetlin, Assistant Professor in Information Technology, Anna University, Chennai delivering the Keynote address on “The Stairs”

International Webinar on “Innovation & Design Thinking” (19.08.2021)

The Department of Computer Science, MTWU, Madurai organized a one-day International Webinar on “**Innovation & Design Thinking**” in Online Mode due to COVID’19 on 19.08.2021. Honorable Vice-chancellor Dr.Vaidehi Vijayakumar presided over the function. Dr.C.Hilda Devi, Registrar i/c delivered the Inaugural Address. Prof.Dr. Muralikrishna Iyyanki, Director of Academic Programs (India), University of California was the resource person for the Webinar. Dr. M. Pushpa Rani, Professor and Head, MTWU convened the Webinar and welcomed the gathering. Vote of thanks was proposed by Dr.K.Kavitha, Assistant Professor, Department of Computer Science, MTWU. Totally 30 participants benefitted the program.



Department of Computer Science



Resource Persons: Dr. Vaidehi Vijayakumar, Vice Chancellor, Mother Teresa Women's University and Prof. Dr. Muralikrishna Iyyanki, Director of Academic Programs(India), University of California delivering the Keynote address on “Innovation & Design Thinking”

Independence Day on 15.08.2021



The 75th Independence Day has been celebrated successfully at Madurai Centre on 15th August 2021. All faculty members were actively participated. Dr. Paul Mary Deborrah, Controller of Examinations graced the occasion by hoisting the flag followed by Tamil Thai Vazhthu and Kodivanakkam. The programme ended with National Anthem.

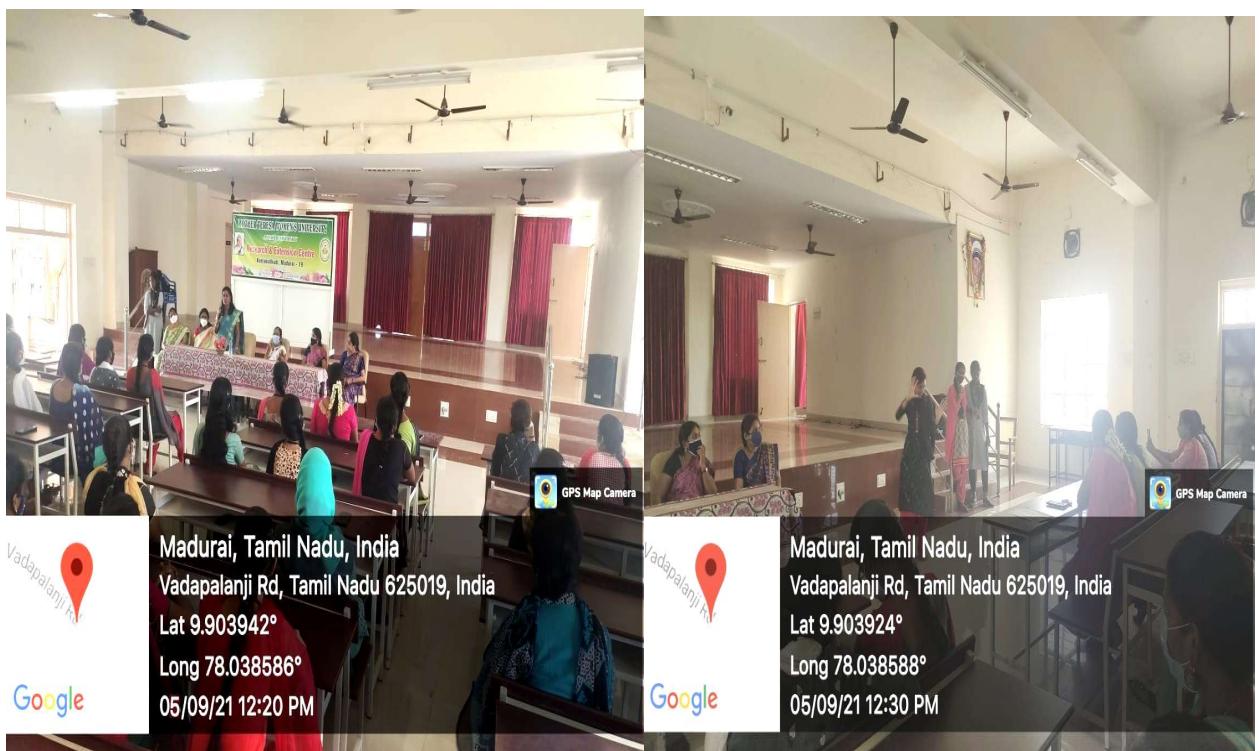
Teachers Day on 5.09.2021

Mother Teresa Women's University, Madurai Campus, celebrated Teachers day on 05.09.2021. The students of our Campus conducted various thematic & cultural activities of our Faculties. Dance, Silampam, Song and Speech given by various departments. Dr.M.Pushpa Rani, Director, Mother Teresa Women's University, Madurai Campus thanked the students for having organized a marvelous feast of the Teacher's Day.

Department of Computer Science

Social Justice Day on 17.09.2021

Mother Teresa Women's University Research and extension centre Madurai, has observed the "Social Justice Day" on 17.09.2021. Dr.M.Pushpa Rani, Director, Mother Teresa Women's University, Madurai Campus has delivered the special address a meeting has been organized to insist on social justice. Faculty members and students were taken oath. Students were participated in Singing, Speech and Poem recitation on Social Justice. Finally Human chain formed to raise Social Integrity.

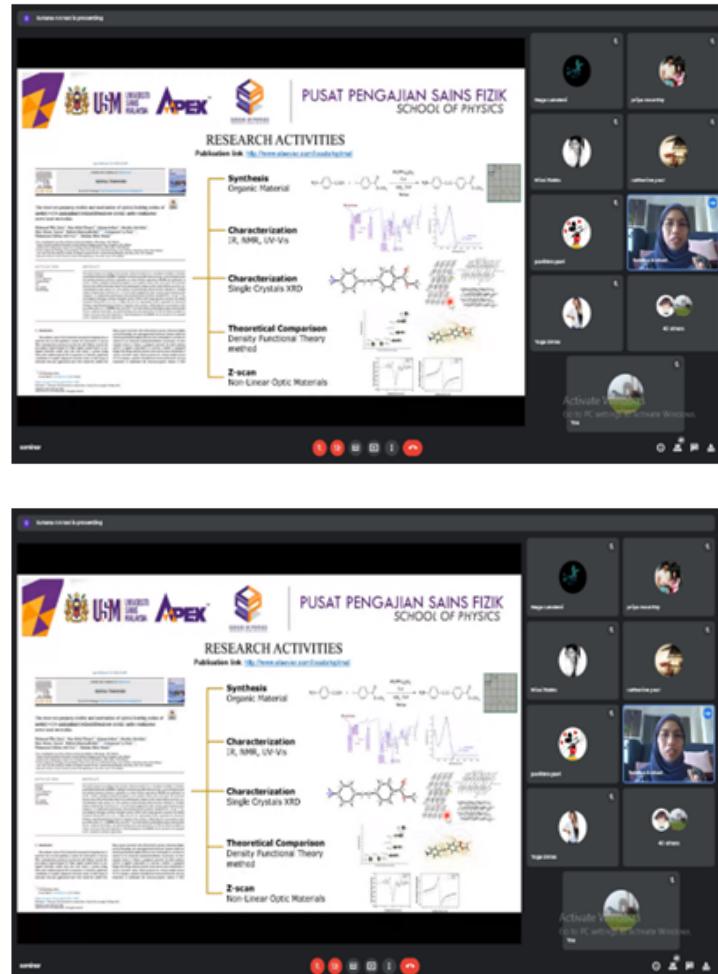
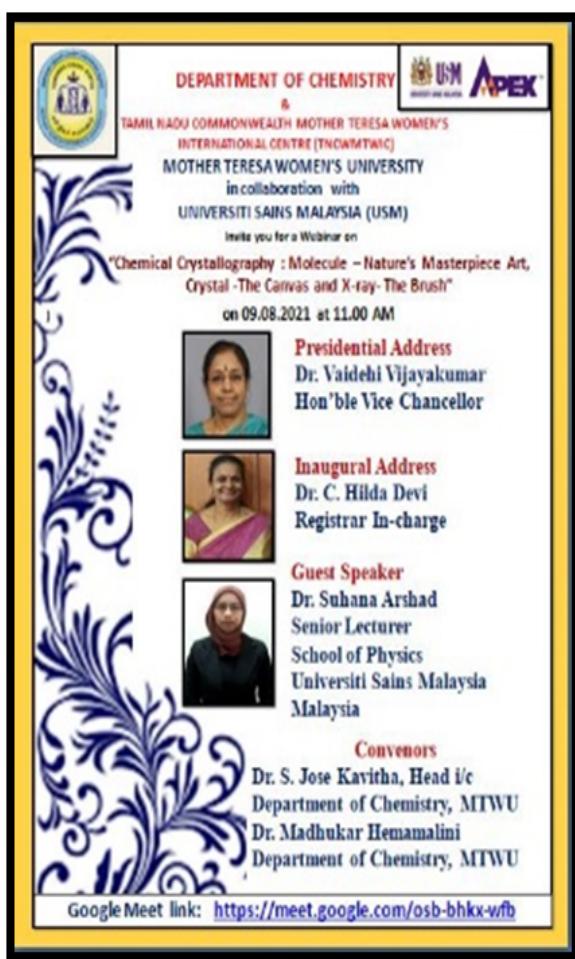


Teachers Day on 5.09.2021

Department of Chemistry

INTERNATIONAL CHEMICAL CRYSTALLOGRAPHY : MOLECULE – NATURE'S MASTERPIECE ART CRYSTAL – THE CANVAS AND X-RAY – THE BRUSH 09.08.2021

An International Webinar on “Chemical Crystallography: Molecule-Nature’s Masterpiece Art, Crystal- The Canvas and X-ray- The Brush” was conducted on 09.08.2021. Dr. Suhana Arshad, senior Lecturer, School of Physics, Universiti Sains Malaysia delivered the special lecture. Our Honourable Vice Chancellor Dr. Vaidehi Vijayakumar has delivered the Presidential address and Registrar in-charge Dr. C. Hilda Devi has delivered the inaugural address. About 80 participants benefited from the programme.



Dr. Suhana Arshad, Senior Lecturer, School of Physics, University sains Malaysia.

Department of Chemistry**INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN CHEMISTRY on 25.11.2021-
26.11.2021**

An international online conference on Recent Advances in Chemistry (ICRAC – 2021) commenced with a short inaugural ceremony. The Vice – Chancellor Dr. Vaidehi Vijayakumar delivered the presidential address. The Registrar i/c Dr.C.Hilda Devi delivered the inaugural address. Prof.Janet R. Morrow delivered the keynote address on “ Iron III Complexes and cages as Magnetic Resonance Imaging Probes.

In the Technical sessions,

Dr. Raja Angamuthu, IIT Kanpur delivered lecture on “Darwinian Chemistry of small molecules: stereoselective self-sorting of knoeramines and their Applications, Dr.Qua Ching Kheng, University Sains Malaysia delivered lecture on “ X – ray Crystallography, Dr.Shanmuga Raju, IIT Palakkad delivered a lecture on The Valedictory session with the feedback from the participants marked the end of the conference.

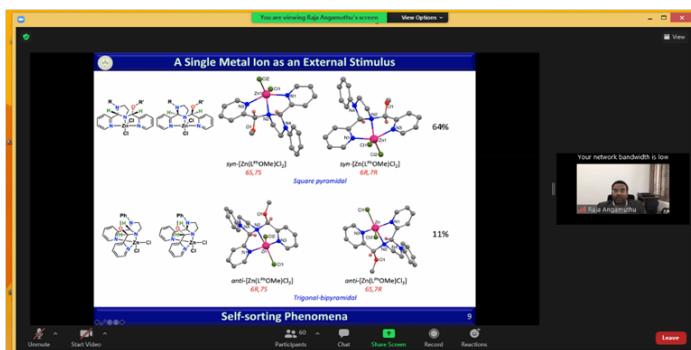


Prof.Janet Morrow, University at Buffalo, USA



Dr.Qua Ching Kheng, School of physics, University Sains Malaysia

Department of Chemistry

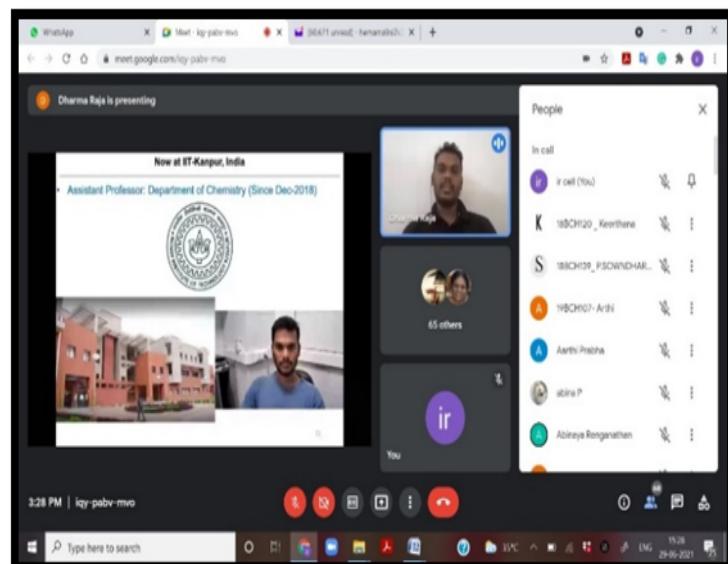


Dr.Raja Angamuthu, IIT,Kanpur

CONFERENCES ORGANIZED- NATIONAL LEVEL

PATH FORWARD IN CHEMISTRY – AVENUES AND OPPORTUNITIES ON 29.06.2021

Webinar entitled “Path Forward in Chemistry – Avenues and Opportunities” was conducted on 29.06.2021. Dr. Dharmaraja Allimuthu , IIT, Kanpur delivered the special lecture. About 60 participants benefited from the programme

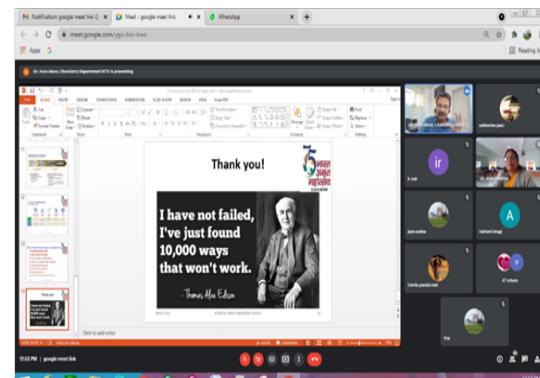
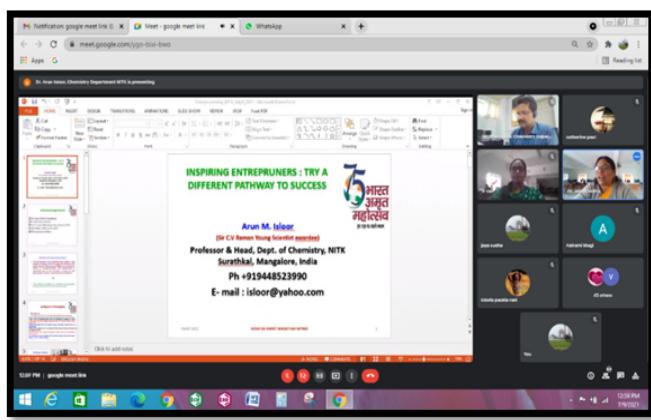
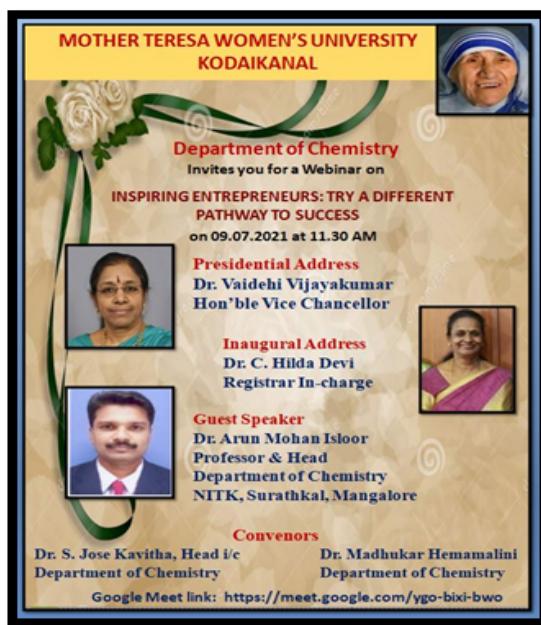


Dr. Dharmaraja Allimuthu, Assistant Professor, Department of Chemistry, IIT, Kanpur

Department of Chemistry

INSPIRING ENTREPRENEUR : TRY A DIFFERENT PATHWAY TO SUCCESS 09.07.2021

A Webinar on **INSPIRING ENTREPRENEUR : TRY A DIFFERENT PATHWAY TO SUCCESS** was conducted on **09.07.2021**. **DR.ARUN MOHAN ISLOOR**, Professor & Head, **NITK, Surathkal, Mangalore** delivered the lecture. Our Honourable Vice Chancellor Dr. Vaidehi Vijayakumar has delivered the Presidential address and the inaugural address has given by Dr.C.Hilda Devi, Registrar i/c of Mother Teresa Women's University. About 50 participants benefited from the programme.



Dr.Arun Mohan Isloor, Professor & Head, NITK, Surathkal, Mangalore.

Department of Chemistry**Dr.S.Jose Kavitha, TANSCHE Project Details**

S.NO	TITLE	AMOUNT	DURATION YEAR
1.	Oxovanadium(IV) and vanadium(III) complexes as potential drug candidates for Diabetes Mellitus: Synthesis, Structure, Glucose lowering studies, Molecular docking and Dynamics Simulation	29,250	3 Years

Man Power: 10,000 - Started at August 2021 to Till date

STUDENT FELLOWSHIPS

Name of the Student : B.Manjula Devi

Scheme : TANSCHE – Project Assistant

Project Details : Oxovanadium(IV) and vanadium(III) complexes as potential drug candidates for Diabetes Mellitus: Synthesis, Structure, Glucose lowering studies, Molecular docking and Dynamics Simulation



Amount : 10000/ month

Duration : August 2021 – Till Date

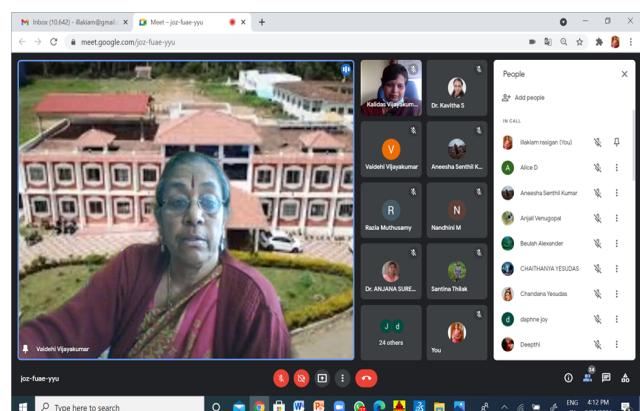
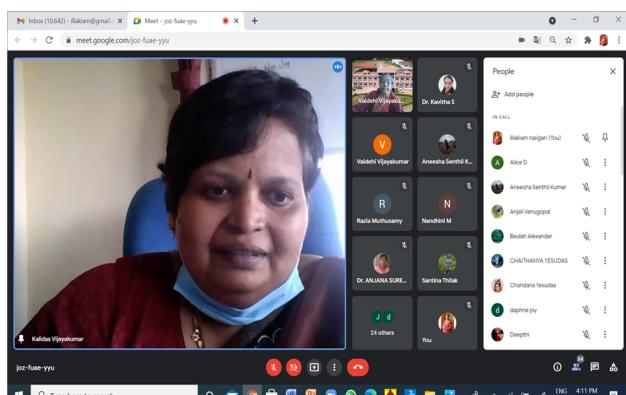
ENVIRONMENTAL DAY CELEBRATIONS

M.Sc Students planting trees to celebrate the Environmental day on 05.06.2021

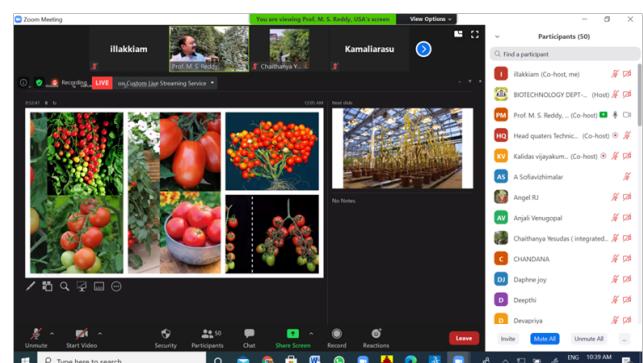
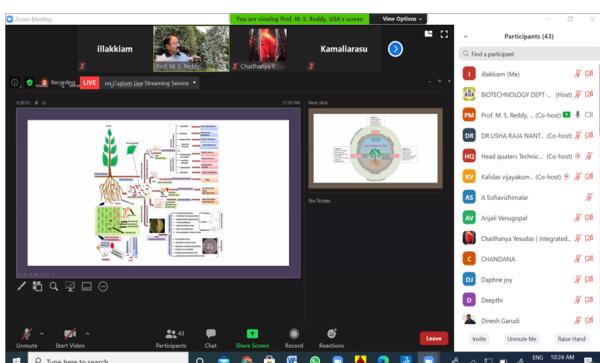
Department of Biotechnology

One day Webinar on “Amalgamation of Modern Science with Traditional Medical Knowledge”

The Department of Biotechnology of Mother Teresa Women's University was conducted one day webinar on “Amalgamation of Modern Science with Traditional Medical Knowledge” on 29thJune 2021. The Webinar started at 4 pm with welcome address by Dr.A.Usha Raja Nanthini, Associate Professor & Head, Department of Biotechnology, Mother Teresa Women's University. Presidential address was delivered by our honorable Vice- Chancellor Dr.Vaidehi Vijayakumar. **Dr. Kavitha Sankaranarayanan**, Ion channel Biology Laboratory, AU-KBC Research Centre, Madras Institute of Technology, Anna University, acted as a Resource Person and she delivered a talk on “Amalgamation of Modern Science with Traditional Medical Knowledge” to our PG students of Biotechnology and Botany through online mode- <https://meet.google.com/joz-fuae-yyu>. Around 35 students were actively participated in this webinar. Finally vote of thanks was given by Dr. D. Illakkiam, Assistant Professor, Mother Teresa Women's University.



INTERNATIONAL CONFERENCE ON “ADVANCES IN BIOSCIENCES”



Department of Biotechnology

INTERNATIONAL CONFERENCE ON “ADVANCES IN BIOSCIENCES AND BIOTECHNOLOGY” ‘ICABB-2021’

The Department of Biotechnology of Mother Teresa Women’s University has organized an International conference on ‘Advances of Bioscience and Biotechnology-2021 (ICABB-2021) on 12th and 13th August 2021. The scope of this conference is to invite eminent experts to discuss various new issues and development in the field of bioscience and biotechnology, to inoculate different facts and theories and to technically equip the PG students and research scholars to enhance their research skills. Abstracts of research papers in the field of biosciences and biotechnology were invited for the oral presentation in the conference. The inauguration function was on Day 1. Around 43 participants were joined in this conference. The welcome address was done by Head of Biotechnology department Dr A Usha Raja Nanthini. The presidential address was given by our honorable vice chancellor of Mother Teresa women’s university, Dr Vaidehi Vijaykumar and the inaugural address by the register of Mother Theresa women’s university, Dr C Hilda Devi.

After the inaugural function the technical section starts. The technical section starts with the lecture of Prof. M.S. Reddy, Founder & Chairman, Asian PGPR Society. He gave a wonderful lecture about Microbiome and gene editing innovations for a sustainable future. The lecture last for about 1 hour. The next technical section is by Dr. Pushpanathan Muthurulan from Harvard University. His gives lecture about Joint Disease-Specificity at the Regulatory Base-Pair Level. The third technical section is by Dr Shankar Manoharan from Institute of Technology- Jodhpur. He gives a wonderful lecture about Nanopore sequencing for drug resistance landscaping and genomic surveillance of Klebsiella pneumonia. After the third technical section there is a lunch break for 1 hour.

After the lunch break Dr. Srinivasan Ramasamy gives a lecture for the last technical section in day 1 about Transforming Food Systems for food safety and nutritional security: the case of vegetables. After the technical section oral presentation among the participants was held. There are 47 participants for the oral presentation and they are divided into 4 groups.

After the oral presentation the first day of the conference was over. The second day of the conference start with the technical section by Prof. Raja Ragupathy Research Scientist of Crop Breeding Genomics. He gives a wonderful lecture about Breeding Perennial Cereals: As a solution for climate adaptation. The next technical section is by Dr.Nagaraja Suryadevara of MAHSA University. He gives a wonderful lecture about Biotechnological Advancements in COVID 19 vaccine production. The next technical section is by the first women IFS officer Dr C S Ramalakshmi and it is about Women Custodians and Change agents in Natural Resources Management in the Indian Context. The last and the 8th technical section is by Dr. V.Eyarkai Nambi of Indian Institute of Food Processing Technology. He gives a wonderful lecture about Artificial Intelligence Applications in Biosciences- Current Scenario and Future Thrust. The conference end by Vote of thanks by Dr. D. Illakkiam, Department of Biotechnology, MTWU.

Department of Biotechnology

MUSHROOM CULTIVATION TRAINING FOR RURAL SPONSORED BY TNSCST- 26.11.2021 to 28.11.2021

First Day (26/11/2021)

Department of Biotechnology along with TNSCST conducted 3 days workshop on mushroom cultivation especially for women formers in the rural area of Kodaikanal. Around 14 women participate in this workshop.

On 1st day (26/11/2021) Dr. A. Usha Raja Nanthinimam gave a detail talk on mushroom cultivation all over the word. Mam explained about various types of mushrooms and how the cultivation is carried out all over India. Mainly 4types of mushroom is cultivated

- Oyster mushroom
- Button mushroom
- Milky mushroom
- Paddy straw mushroom

Mam gave detailed explanation about the mushroom cultivation. After that, how to carryout initial to final steps in mushroom cultivation was explained. Cultivation of mushroom

- Spawn preparation
- Layer method of spawning
- Preparation of bags for mushroom growth
- Maintenance of mushroom shed
- Cultivation and harvesting techniques

All these parameters was explained in depth, and also at the end of the session, there was interactive talk between mam and farmers.



Department of Biotechnology**Second Day (27/11/2021)**

The 2nd day of workshop started with Dr. A. Usha Raja Nanthini mam discussing about the difficulties faced by mushroom cultivation. The most prime problem faced in mushroom cultivation is contamination. The main source contamination is due to unhygienic use of paddy straw for growing mushrooms. Mam gave an insight into these problems and also how to avoid contamination. Post problems caused by flies and rats was explained in detail. Mam also gave sufficient tricks and ideas for avoiding them.

The disease caused by mushroom due to unhygienic and improper handling was made aware to the farmers. After the session, an interactive question doubt talk was carried out. The formers talked about their ideas to carryout mushroom cultivation, and Mam gave them ideas about it. Dr. A. UshaRaja Nanthini explained in detail about the procedure for spawn production. A PowerPoint presentation along with the procedure was made to understand the women. Tissue culture practice was demonstrated by mam, using mushroom spawn. Spawn production was shown by using sorghum grains and calcium carbonate. All the formers were given polythene bags, and prepared their own mushroom bags. The bags were stored in sterile condition in their home for growth.



Department of Biotechnology**Third Day (28/11/2021)**

The third day was dedicated to only mushroom recipes Dr. A Usha Raja Nanthini had bought up with different verities of mushroom recipes. The method and procedure was explained in detail to the participants. All recipes included mushroom Mushroompackoda, mushroom bhaji, mushroom soup, mushroom gravy, mushroom chips and mushroom pickle.

Finally the work shop started with revising all the techniques used for mushroom spawn and mushroom bed preparation. All the participants participated actively to recall all the procedures. Feedback of the programme was recorded in video all the participants gave positive feedback about the workshop. Dr UshaRaja Nanthini gave certificates to each participants for their active involvement and participation in the workshop. Mam also gave vote of thanks and the programme was concluded successfully.



Department of Biotechnology**Lecture on Molecular biology techniques used in Fisheries**

Prof. R. JEYA SHAKILA

Professor & Head

Department of Fish Quality Assurance and Management

Fisheries College and Research Institute

Thoothukudi – 628008, Tamilnadu.

Date & Time : 13 Oct 2021 – 2.30 PM To 4.00 PM

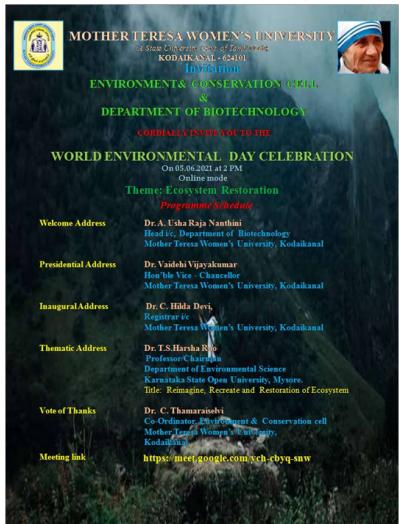
Guest lecture was organised by the Department of Biotechnology on 13th October 2021 at 2.30 PM To 4.00 PM. The lecture was given by Prof. R. JeyaShakila, Professor & Head, Department of Fish Quality Assurance and Management, Fisheries College and Research Institute, Thoothukudi.



In connection mam explained about Thoothukudi fisheries department its history and how the various departments evolved in the due course of time. Mam in precise talked about her academic experience and her current administrative responsibilities. Mam talked on the various departments in Tamilnadu Dr. J. Jayalalithaa Fisheries University like department for quality checking, toxicity studies, research areas etc. Few words regarding her research priorities were spoken which mainly covered areas like heavy metals detection, molecular authentication of fishes, detection of bacterial pathogens using multiplex PCR , Films and peptides detection from fish processed wastes and few of her patents and research citations were added on to it. Fish adulterations like formalin application on the fish surface makes it look fresh, a customer attracting tactics were precisely explained. An overview was given on the export and import department of certain varieties of fishes, cramps, shrimps, lobsters etc. to various countries, where the allergens of certain countries were enlisted by her. A glimpse about the detection kits they have manufactured for easy detection of the adulterated shrimps and fishes and added on to commercializing the kits.

Department of Biotechnology

WORLD ENVIRONMENTAL DAY CELEBRATION



Date: 05.06.2021

Theme: Ecosystem Restoration

World Environment Day, 2021 marks the beginning of the UN decade on “Ecosystem Restoration”- a global mission, to retrieve and restore the ecosystems. Owing to it, Environment and Conservation Cell and Department of Biotechnology of our university jointly organized the World Environmental Day celebration, virtually.

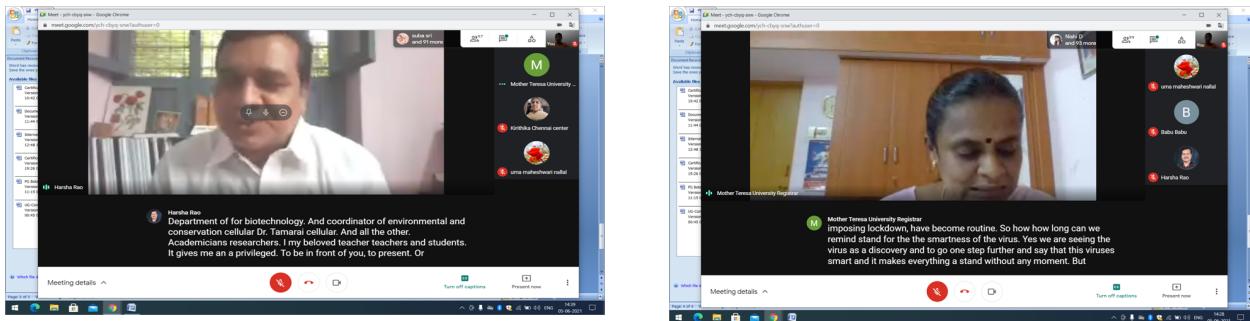
On a welcoming note, Dr. A. Usha Raja Nandhini, Head of the Department (i/c), Department of Biotechnology, addressed the gathering. Our honorable Vice Chancellor, Dr. Vaidehi Vijayakumar delivered the presidential address mentioning about the ecosystems. Dr. C. Hilda Devi, Registrar (i/c) inaugurated the meeting. On this auspicious day, our chief guest Dr. T.S. Harsha Rao, Professor/Chairman, Department of Environmental Science, Karnataka State Open University, Mysore, conveyed astounding information about the ecosystem restoration entitled, “Reimagine, Recreate and Restoration of Ecosystem”.

Guest Speaker, shared his valuable points about the ecosystem restoration, problems and solution which was important for each one to know about the ecosystem and its restoration to save our motherland. He clarified the need of balancing food chain to save our ecosystem. GDP (Gross Domestic Product) of a nation depends upon forest because it gives us the economic benefits by offering good and pure water for drinking, and gives shelter for birds, wild animals. When ecosystem is being balanced and restored the major effect for earth's Global warming can be controlled below 2°C and restoring of converted lands help to prevent extinction species and so gradually there will be development in the nation by 2030 so that poverty and need of food can be controlled. He also added that 2021- 2030 could be the decade of restoring the ecosystem and our ecosystem is restoring itself. He stated that there are number of solutions for ecological restoration like theoretically framing the work, social activities, laws implanting regarding the restoration, technologies for the modification of environment, main is removal of invasive species all these can be done by the humans to restore, but our nature has ability to restore its damage by itself.

Department of Biotechnology

Notably, Speaker insisted to celebrate each and every day as the World Environmental Day not only on the 5th of June. All these information provided by Guest was very useful and encouraging that motivated the young minds to restore and protect the environment.

At last, as a gratitude, Dr. C. Thamaraiselvi, Co-Ordinator of Environment and Conservation Cell thanked each and everyone with humbleness for participating and making this event a grand success.



National Seminar on Preservation of Ozone Layer for Sustainable Development 16th September 2021

International World Ozone Day, 2021 marks the theme "**Montreal Protocol**" — **Keeping us, our food, and vaccines cool**. It is celebrated to spread awareness among people about the depletion of the Ozone Layer and search for possible solutions to preserve it. With this regard, **Environmental Conservation Cell & Department of Biotechnology** jointly organized **WORLD OZONE DAY CELEBRATION- 2021** as an "**One day National Seminar on Preservation of Ozone Layer for Sustainable Development**", virtually.

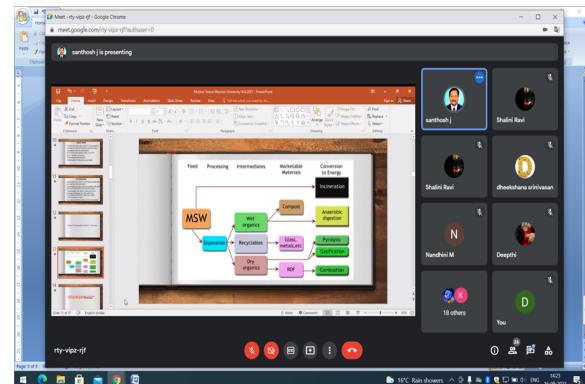
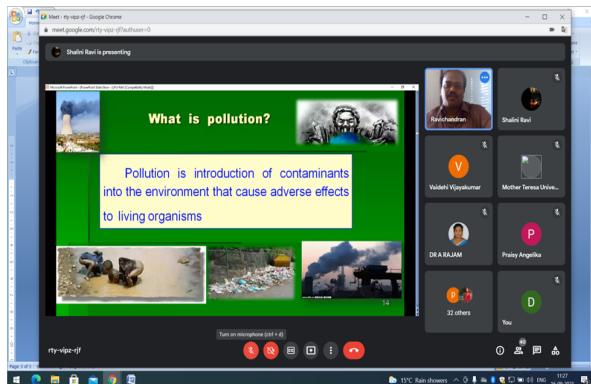
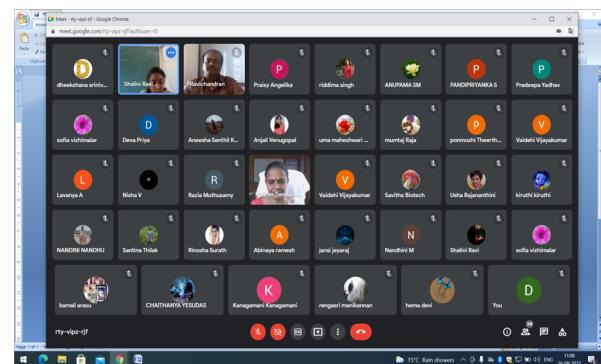
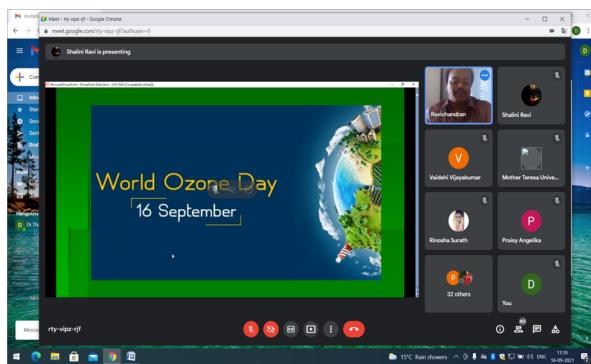
On a welcoming note, Dr. M. Razia, Assistant Professor, Department of Biotechnology addressed the gathering. Our honorable Vice Chancellor, Dr. Vaidehi Vijayakumar delivered the presidential address mentioning the importance of ecosystems. Dr. C. Hilda Devi, Registrar (i/c) inaugurated the seminar. To make a remarkable day and to create awareness to protect our mother earth, two eminent speakers were invited. Respected speakers Dr. S. Ravichandran, Associate Professor, Department of Chemistry, School of chemical Engineering and Physical Sciences, Lovely Professional University, Jalandhar, Punjab, Dr. J. Santhosh, Assistant Professor, Department of Civil Engineering, Director i/c, Centre for Energy and Environment, Periyar Maniammai Institute of Science and Technology, Thanjavur has given their talk.

Department of Biotechnology

The first session was handled by Dr. Ravichandran on “Environmental Sustainability through Green Energy”. Sir had conveyed about the need for sustainable development and about improving the quality of life including social, cultural and economic dimensions. He insisted the importance of 3R concept in order to turn into an ecofriendly environment. Sir had explained about the twelve major principles of green chemistry to attain an unpolluted environment as a main aim to preserve the ozone layer. Sir concluded that, to maintain green conditions to make our planet Earth green and clean.

Dr. J. Santhosh gave a talk on “Scientific Approaches towards Solid Waste Management for Ozone Layer Protection” in the second session. Sir explained about the types of techniques used in solid waste management and how to protect ozone layer and he gave us several examples of the solid wastes and how to treat them by Biomethanization. The session was interactive and helped us in enhancing our ideas and knowledge.

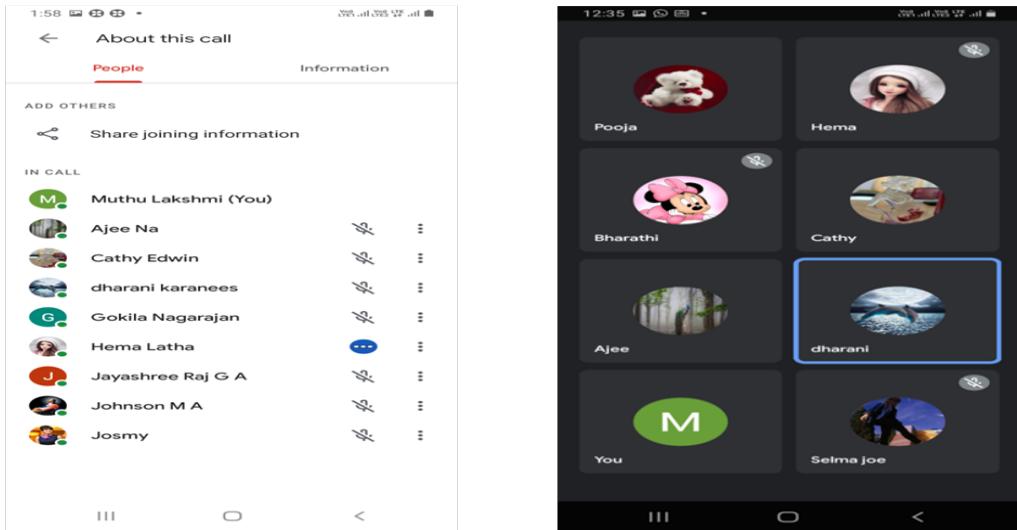
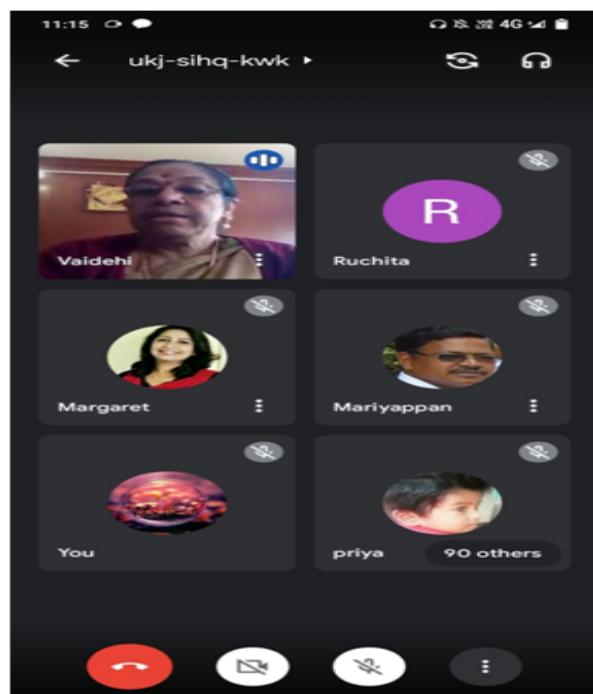
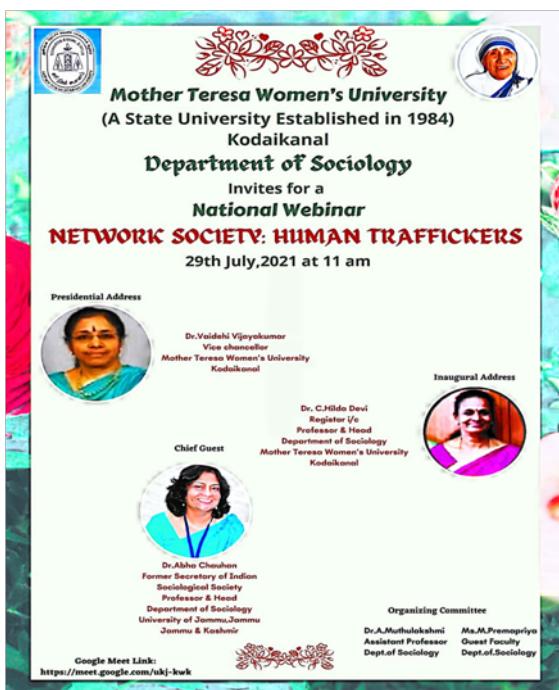
To conclude, Dr. C. Thamaraiselvi, Co-Ordinator of Environmental Conservation Cell thanked each and everyone for participating in this seminar and making the day a fruitful success.



National Seminar on Preservation of Ozone Layer for Sustainable Development

Department of Sociology**COUNSELLING SKILL**

Fr. Johnson: Counselling Skills (Offline & Online) 09.06.2021 MTWU, Kodaikanal
 Jayashree Counselling (Online) 09.06.2021 MTWU, Kodaikanal

**National Webinar on Network Society: Human Traffickers (29.06.2021)****National Webinar on Network Society: Human Traffickers**

Department of Sociology

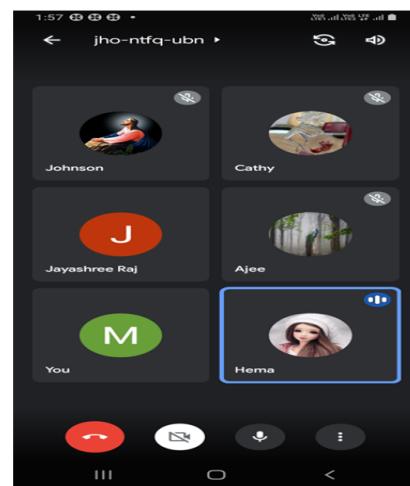
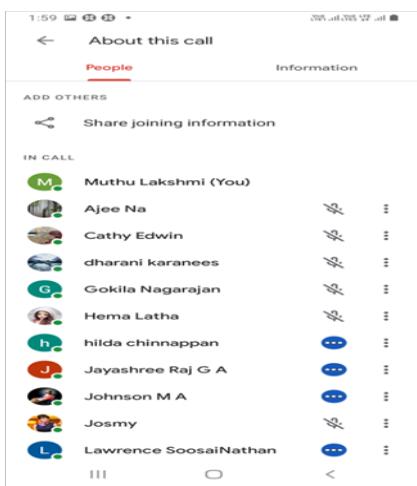
Special Lecture on Medical and Psychiatric

Department of Sociology is organised one day special lecture on Medical and Psychiatric on 07.06.2021 at Seminar hall, Mother Teresa Women's University, Kodaikanal. In this special lecture Fr. Johnson, Anugraha Institute of Social Science has delivered keynote address on the Medical and Psychiatric. Totally 21 students are actively participated.



Special Lecture on Mental Disorder

Department of Sociology is organised one day special lecture on Mental Disorder on 07.06.2021 at Virtual Mode, Mother Teresa Women's University, Kodaikanal. In this special lecture Ms. Jayashree, Anugraha Institute of Social Science has delivered keynote address on the Mental Disorder. Totally 21 students are actively participated.



Department of Sociology

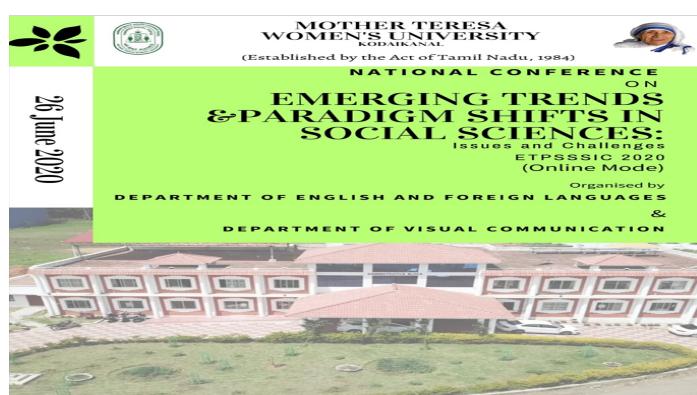
Special Lecture on Counselling Skill Psycho Therapy

Department of Sociology is organised one day special lecture on Counselling Skill Psycho Therapy on 24th & 25.02.2021 at Seminar hall, Mother Teresa Women's University, Kodaikanal. In this special lecture Fr. Johnson, Anugraha Institute of Social Science has delivered keynote address on the Counselling Skill Psycho Therapy. Totally 200 students are actively participated.



Special Lecture on Emerging Trends in Sociology

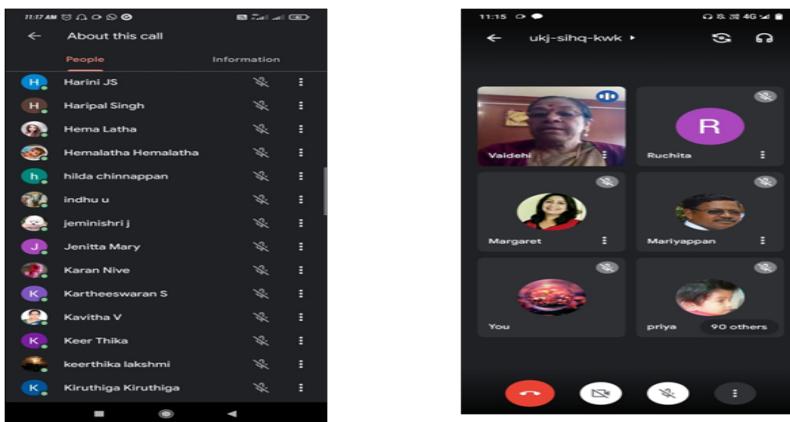
Department of Sociology is organised one day special lecture on Emerging Trends in Sociology on 26.06.2021 at Seminar hall, Mother Teresa Women's University, Kodaikanal. In this special lecture Dr. Shweta Parshat, Professor, Banaras Hindu University has delivered keynote address on the Emerging Trends in Sociology. Totally 21 students are actively participated.



Department of Sociology

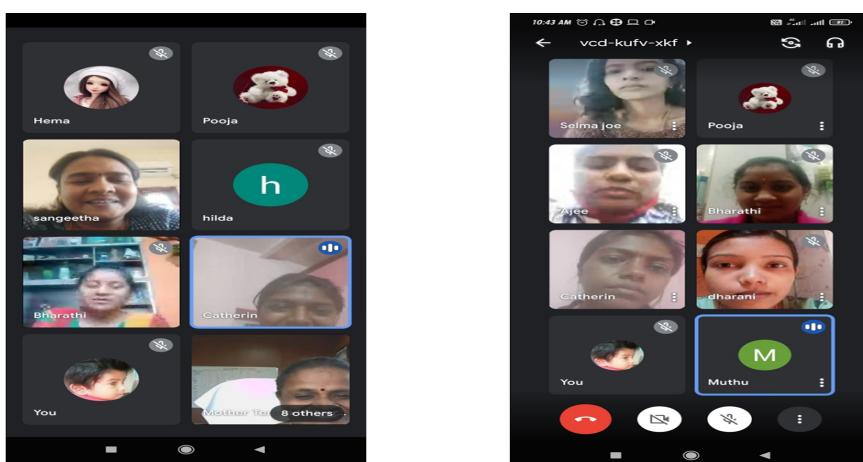
National Webinar on Network Society: Human Traffickers

Department of Sociology is organised one day National Webinar on Network Society: Human Traffickers on 29.07.2021 at Virtual Mode, Mother Teresa Women's University, Kodaikanal. In this special lecture Dr. Abha Chauhan, Former Secretary of Indian Sociological Society, Department of Sociology, University of Jammu, Jammu & Kashmir has delivered keynote address on the Emerging Trends in Sociology. Totally 90 students are actively participated.



Special Lecture on Orientation on Field Work Practicum During Pandemic

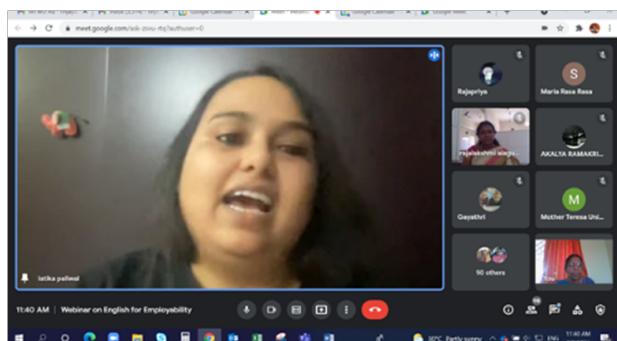
Department of Sociology is organised one day special lecture on Orientation on Field Work Practicum During Pandemic on 25.08.2021 at Virtual Mode, Mother Teresa Women's University, Kodaikanal. In this special lecture Ms. Sangeetha, Assistant Professor, American College, Madurai has delivered keynote address on the Orientation on Field Work Practicum During Pandemic. Totally 19 students are actively participated.



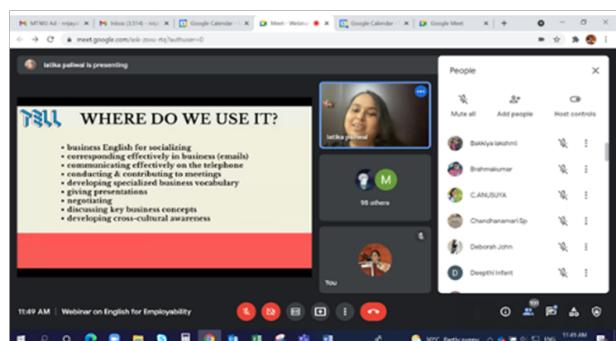
Department of English

English for Employability

The Department of English and Foreign Languages, MTWU, Kodaikanal organized a National Webinar on English for Employability on 08 September 2021. The program was presided over by the hon'ble Vice Chancellor Dr. Vaidehi Vijayakumar and Inaugurated by the Registrar i/c Dr. Hilda Devi. The Convenor of the Webinar Dr. P. Jeyappriya, Head of the Department delivered her welcome address. Following the welcome address, Vice Chancellor delivered her Presidential Address in which she briefed the importance of cultivating or improving one's communicative skill in English for better placements and career growth in reputed companies and institutions. She pointed out the need for efficient English-speaking skill in the context of globalism and cosmopolitanism. The Registrar in her inaugural highlighted the significance of language in communicating human emotions, desires, goals, and relationships. She expounded the role of English in a country like India where 9000 languages are spoken and briefed the power of the English language communication in obtaining good placements in renowned organizations and institutions and also in improving one's career growth and development. The Organizing Secretary Dr. R. Vijaya, Asst. Professor of English introduced the Resource Person and gave a brief of the purpose of the Webinar. The Resource Person Ms. LatikaPaliwal, Corporate Trainer, Entrepreneur, Curriculum Developer, the English Language Trainer, and CEO of The English Language Lab, New Delhi highlighted the significance of English in corporate companies. She elaborated how English-speaking skill helps in integrating various employability skills like interpersonal skill, business/official communication, etiquettes, goal fixing and achieving, team spirit, leadership skill etc. Her deliberation was coupled with interaction with the participants keeping them on track by eliciting their responses for her questions and quizzes. Oral feedbacks were provided by some of the participants: Ms. V.S.N. Rajalakshmi, Tutor in a Tutorial Centre, Chennai, Ms. Preethi Angel, II M.A. English, Mother Teresa Women's University, Mr. Shafeer Ph.D. Scholar from Thiruvalluvar University, Vellure etc. Dr. Rajalakshmi, Asst. Professor of English proposed her vote of thanks. E-certificates were generated on submission of the feedback forms. Nearly 170 participants from all over the country took part in this program.



Ms. LatikaPaliwal, Corporate Trainer, Curriculum Developer, & the English Language Trainer, New Delhi is addressing the students on virtual platform



Ms. LatikaPaliwal, Corporate Trainer, Curriculum Developer, & the English Language Trainer, New Delhi is expounding on Business English

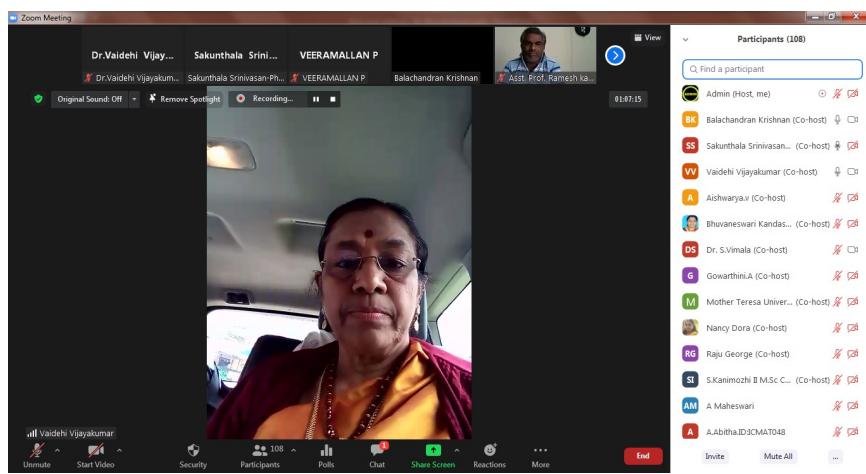
Department of Mathematics

Organized two days international Conference on RECENT ADVANCES IN MATHEMATICAL SCIENCE AND ITS APPLICATIONS on 26-27 August 2021.

Mother Teresa Women's University Vice-Chancellor **Dr.Vaidehi Vijayakumar** had given presidential address, innaugral address given by the Registrar, **Dr.C.Hilda Devi**, Mother Teresa Women's University, Kodaikanal. The Keynote address given by **Dr. K. Balachandran**, Department of Mathematics, Bharathiar University, Coimbatore discussed about the existence and uniqueness of solutions of ordinary differential equations in general Banach spaces under the heading Solutions in Ordinary Differential Equations through Banach Spaces. **Dr. Raju K. George**, Indian Institute of Space Science and Technology, Thiruvananthapuram, India delivered the theory of monotone operators, some existence and uniqueness theorem, etc. **Professor Dr. Naseer-eddine Tatar, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia** delivered speech in problems in viscoelasticity, thermoelasticity and porous media. The well-posedness as well as the stability of such systems with the involved integer-order derivatives replaced by fractional ones will be discussed. **Dr. R. Sakthivel**, Department of Applied Mathematics, Bharathiar University, Coimbatore, delivered the set of conditions derived in the form linear matrix inequality by constructing an appropriate periodic piecewise time-varying Lyapunov-Krasovskii functional with the fundamental period. In day one, paper presentation also hold with 4 session with 4 eminent professors were **Dr.G.Mahadevan**, Associate Professor, Dept. of Mathematics, Gandhigram Rural Institute, (Deemed to be University) Gandhigram, **Dr.S.Senthil**, Block Statistical Inspector, Dept. of Economics & Economics, Government of Tamilnadu, Collector Office, Dindigul. **Dr Nithyadevi Nagarajan** Assistant Professor, Applied Mathematics, Bharathiar University, Coimbatore, India. **Dr. K. Mythili Gnanapriya**, Controller of Examinations, Associate Professor and Head, Department of Mathematics, Nehru Arts and Science College (Autonomous)Coimbatore with mathematical areas. In day 2, 27th August, 2021 9.30 by professor **Dr. Phan Thanh Nam**, Department of Mathematics and Statistics, QuyNhon University, Vietnam given a short overview on recent developments on the problem of finding exponential state bounds for classes of positive time-delay systems, disturbances, Two extended comparison principles and their applications. Professor, **Dr. Mohd Shakir Md Saat**, Universiti Teknikal Malaysia Melaka, Malaysia discussed the major issue of the CPT system is that its efficiency significantly decreases when there is variation in load.

The state-feedback (SF) controller model which is able to maintain the output voltage was described briefly. Professor **Dr. S. Marshal Anthoni**, Department of Mathematics, Anna University Regional Campus, and Coimbatore were derived appropriate boundary control laws which make the considered system globally, asymptotically stable. Examples discussed. Corporate person **Mr. Uvaraj Natarajan**, Senior Application Engineer, MathWorks India Private Limited, Bangalore, India gave information about the Road to 5G: Simulating and Prototyping wireless tracking Systems in detail. Professor **Dr. Mani Mehra**, Indian Institute of Technology, Delhi, India delivered in Differential equation on topologically complicated domains is a relatively new branch in the theory of differential equations and partial differential equations. . In Day 2 had 4 technical session with 4 chairperson were **Dr. K. Ramesh Babu**, Associate Professor, Dept. of Mathematics, University College of Engineering, Osmania University Telangana, A.P , **Dr. P.Karthikeyan**, Associate Professor, Dept. of Mathematics, Sri Vasavi College, Salem, **Dr. P Geetha**, Associate, Professor & Head, Dept. of Mathematics, Head, Science and Humanities, KPR Institute of Engineering and Technology, Coimbatore and **Dr. A. Solairaju**, Associate Professor, Department of Mathematics, Jamal Mohamed College (Autonomous), Tiruchirapalli. Through the International conference, 138 members has presented in Mathematical scenario. 167 members participated, 28 resource person involved worldwide for this International Conference.

Department of Mathematics



The Keynote Speaker Dr. K. Balachandran, Department of Mathematics, Bharathiar University, Coimbatore



Dr. R. Sakthivel, Department of Applied Mathematics,
Coimbatore

Bharathia

University,

Department of Mathematics



Professor Dr. Naseer-eddine Tatar, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia



Professor Dr. Phan Thanh Nam, Department of Mathematics and Statistics, QuyNhon University, Viet Nam



Professor Dr. Mani Mehra ,Indian Institute of Technology, Delhi

Department of Mathematics**Organized program on Health Awareness Program(COVID-19,TB & Systematic Diet) on 02.11.2022**

Health Awareness Program initiated by honorable Vice Chancellor Dr. Vaidehi Vijayakumar, Mother Teresa Women's University with presidential address. Given the knowledge about the importance of health and cover communicable disease. Dr. Dr. C. Hilda Devi, Registrar i/c, Mother Teresa Women's University given environmental issues and planning of camp and information schedules. Chief guest Dr.M.Ramachandran, MBBS.,DTCD Deputy Director of Medical Services(TB),, Dindigul District given awareness of COVID-19, remedies, importance of vaccinations. Highlighted Tuberculosis Symptoms and causes, medical check-up, and followup of the treatments. Government scheme of TB medical treatment. Comparison given COVID and TB and other diseases. Doctor suggested protein rich food from vegetarian and non vegetarian and calcium food and other supplementary food details. Doctor cleared many questions from audience. Vote of thanks given by Dr. T.M.S. Chandramani Jebarani, Assistant Professor.

The health awareness program has completed with 252 participants. 162 students given excellent commend,52 given very command about the program. Students are interested health awareness program. Need to arrange kind of the program.



Dr.M.Ramachandran, MBBS.,DTCD Deputy Director of Medical Services(TB),, Dindigul District

Department of Mathematics

YRC Volunteers participated DEKHO APNA DESH program by online on 30th October '21



Awareness Program on 1098 & POCSO, 17.11.2021

The YRC/RRC wing has arranged Awareness Program On 1098 & POCSO, to observe Children Day 17.11.2021 at Seminar Hall. Dr.TMS.Chandramani Jebrani inaugurated the gathering of the function. Mr. M.Raja Mohammed, Director, Sub centre, Kodaikanal, Dindigul delivered and discussed about child marriage along with few case. Apart from child marriage chief guest highlighted Sexual harassment (Girls and Boys), Child Labor, and support for child education. Kodaikanal child line subcentre current activities, support of each program. 10 9 8 National Childhelp line number for A-Child, The hotline is working 24 hours a day, 7 days a week with professional crisis counselors who—through interpreters—provide assistance in over 170 languages. The Protection of Children from Sexual Offences (POCSO) Act, 2012 came into force with effect from 14th November, 2012. The Act defines a child as any person below 18 years of age and defines different forms of sexual abuse including penetrative and non-penetrative assault as well as sexual harassment and pornography. 117 participants got benefited and given very good command about the program.

Department of Mathematics



Mr. M.Raja Mohammed, Director, Sub centre, Kodaikanal, Dindigul

Sports & Games (Students' participation in Sports tournaments, Photograph must) 3 students received form 3 certificates



**Ramanujan Club Activities
Department Debate Competition on 1.11.2021**



Department of Mathematics

Fresher's Day



Campus Cleaning



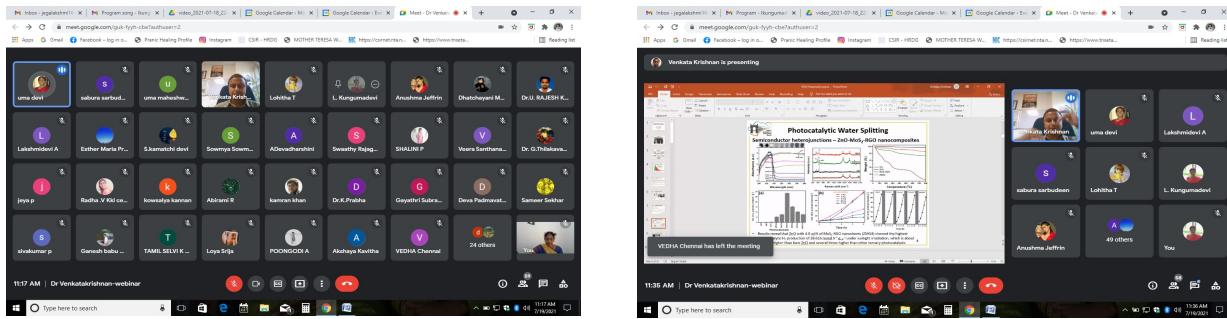
Pooja Celebration



Department of Physics

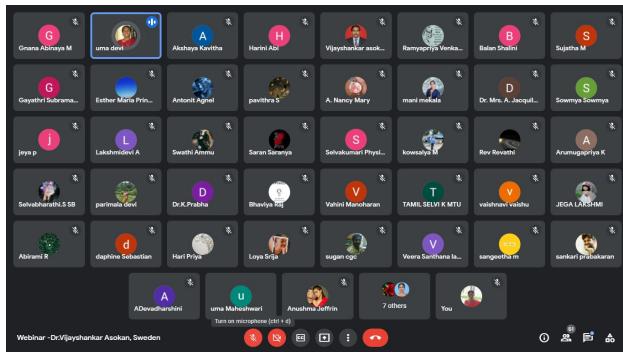
National Level Webinar was organized on 19.07.21.

National Level Webinar was organized on 19.07.21. The invited speaker **Dr. Venkatakrishnan** delivered the talk on “**Strategic design and development of nanostructured heterogeneous catalysts for clean and environment applications**”. Totally 97 participants were participated.



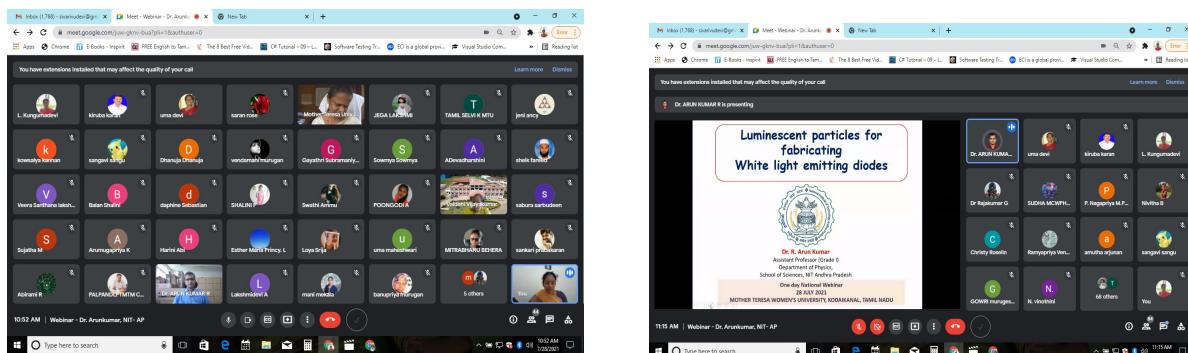
International Webinar was organized on 23.07.21

International Webinar was organized on 23.07.21. The invited speaker **Dr.Vijayshankar Asokan** delivered the talk on '**Indian & European Renewable energy policies**'. Totally 60 participants were participated



National Webinar on 28.07.21.

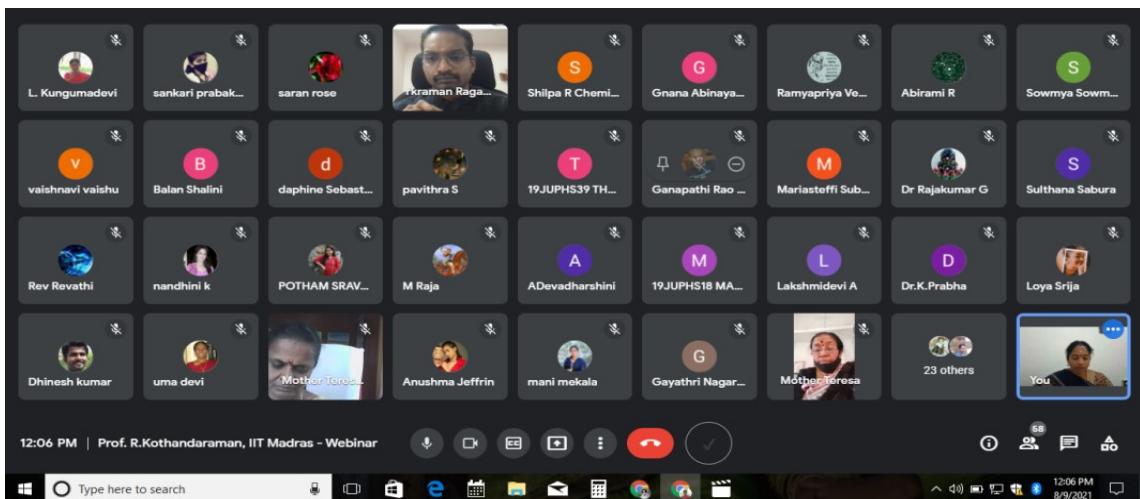
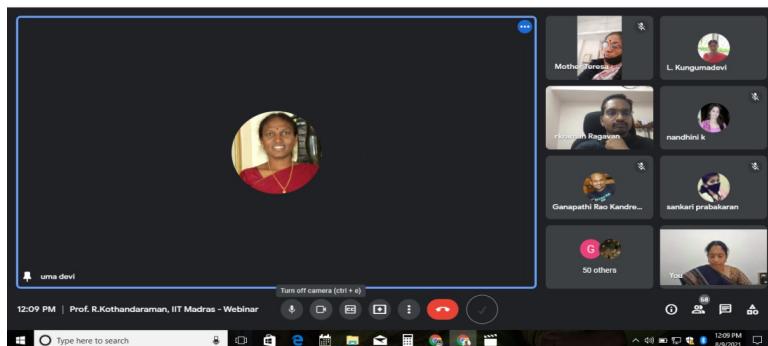
National Webinar on 28.07.21. The invited speaker **Dr. R. Arunkumar** delivered the talk on '**Luminescent Nanoparticles for Fabricating White LED's**'. Totally 94 participants were participated



Department of Physics

National Webinar was organized on 09.08.21.

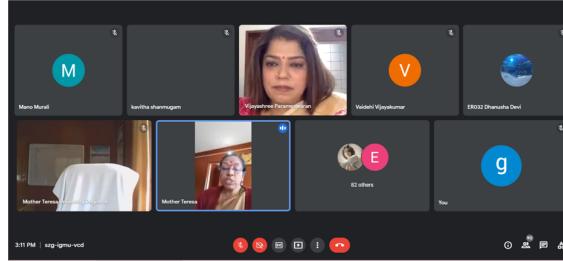
National Webinar was organized on 09.08.21. Presidential Address by **Dr.Vaidehi Vijayakumar**, Honorable Vice-Chancellor, Mother Teresa Women's University, Kodaikanal, Inaugural Address by **Dr. C.Hildadevi**, Registrar i/c, Mother Teresa Women's University, Kodaikanal, and the invited speaker **Dr. Kothandaraman Ramanujam** delivered the talk on “**Aqueous Organic Redox Battery Chemistries**”. Totally 79 participants were participated.



Department of Home science

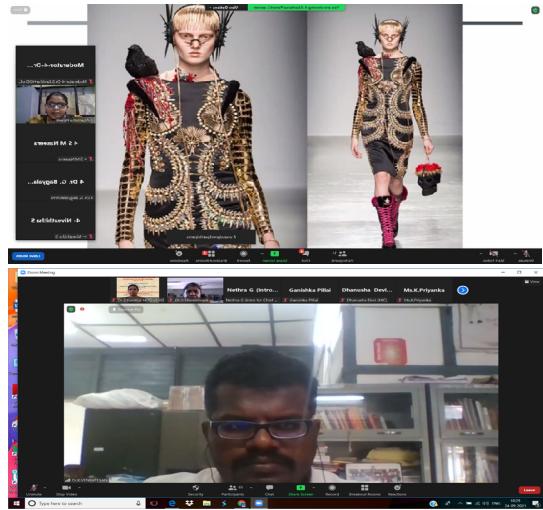
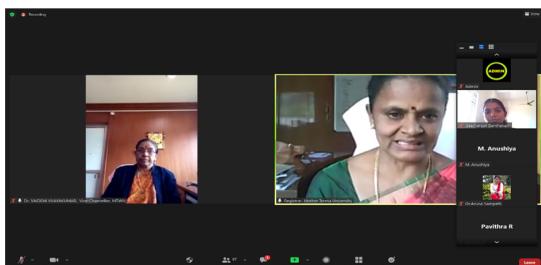
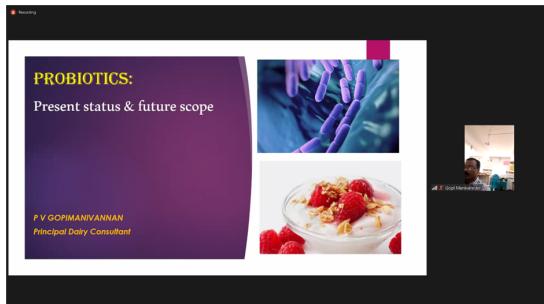
Webinar on " Powerful Career Strategies for Women"

29th July 2021, 3:00 PM



INTERNATIONAL CONFERENCE ON SUSTAINABLE DEVELOPMENTS AND INNOVATIVE IN HOME SCIENCE

September 23 and 24 2021



Orientation Programme

Professional Ethics for Academic & Administrative Staff 04.09.2021

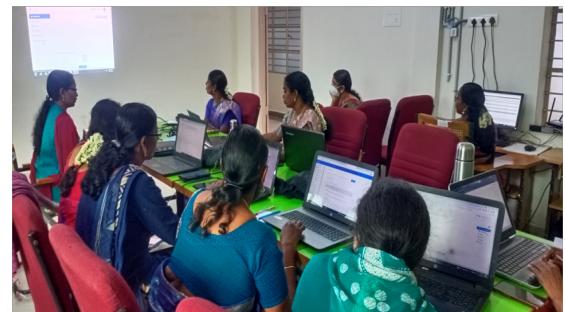
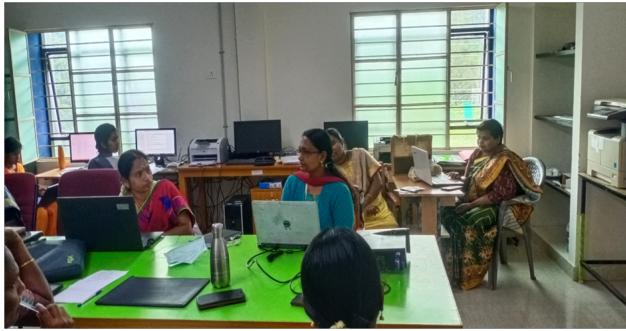


Dr.M.G.Sethuraman
Professor, Dept.of Chemistry
The Gandhigram Rural Institute
(Deemed to be University), Gandhigram.

Orientation Programme

Workshop on Developing and Delivering MOODLE Programme

08.10.2021



Dr.T.SReena Ruby
Assistant Professor
Department of Education
Mother Teresa Women's University Kodaikanal



MOCK NAAC 03.10.2021 TO 04.10.2021

Prof. M. G. SETHURAMAN
Controller of Examinations
Gandhigram Rural University
Gandhigram

Prof. T. THYAGARAJAN
Dean, MIT Campus
Anna University
Chennai



MOCK NAAC 03.10.2021 TO 04.10.2021



Building Section

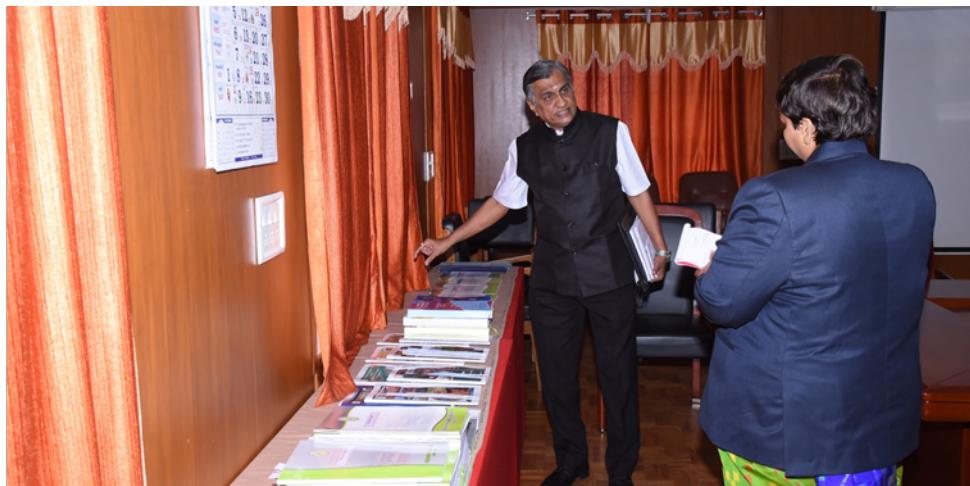


Finance Section



MOCK NAAC 03.10.2021 TO 04.10.2021

Executive Hall



Department of English



Department of Physics



MOCK NAAC 03.10.2021 TO 04.10.2021



Department of Biotechnology



MOCK NAAC 03.10.2021 TO 04.10.2021

Department of Commerce



Department of Management Studies



Department of Sociology



MOCK NAAC 03.10.2021 TO 04.10.2021

Department of Chemistry



Department of Education



Department of Mathematics



MOCK NAAC 03.10.2021 TO 04.10.2021

Department of Computer Science



Library



MOCK NAAC 03.10.2021 TO 04.10.2021

Gandhi Museum



Green Library



Canteen



MOCK NAAC 03.10.2021 TO 04.10.2021

Cultural Programme



MOCK NAAC 03.10.2021 TO 04.10.2021

Cultural Programme



MOCK NAAC 03.10.2021 TO 04.10.2021

Cultural Programme



MOCK NAAC 03.10.2021 TO 04.10.2021

Cultural Programme



MOCK NAAC 03.10.2021 TO 04.10.2021

Cultural Programme



MOCK NAAC 03.10.2021 TO 04.10.2021

IR Cell



Incubation Cell

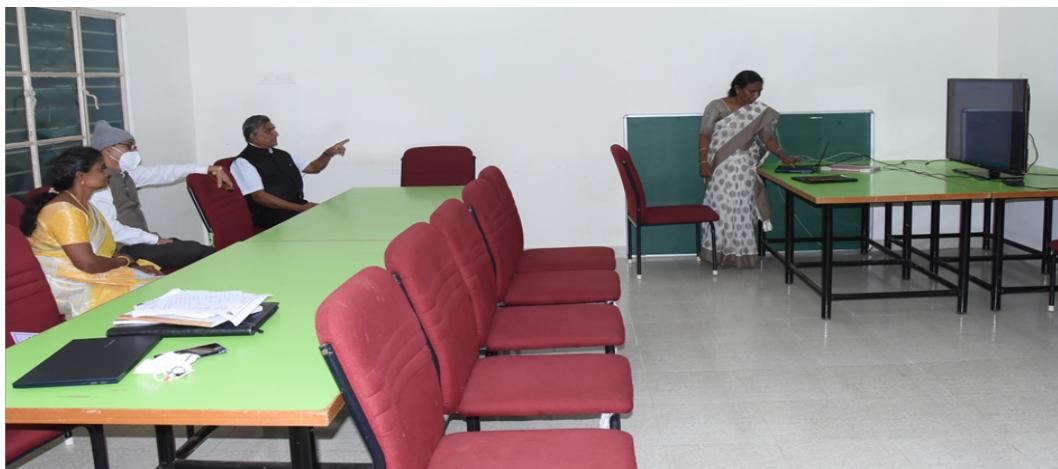


NSS



MOCK NAAC 03.10.2021 TO 04.10.2021

IQAC Cell



MOCK NAAC 03.10.2021 TO 04.10.2021

IQAC Cell



MOCK NAAC 03.10.2021 TO 04.10.2021

Yoga Centre



Exit Meeting



NAAC Visit 07.11.2021 to 09.11.2021



NAAC Visit 07.11.2021 to 09.11.2021



NAAC Visit 07.11.2021 to 09.11.2021



NAAC Visit 07.11.2021 to 09.11.2021



NAAC Visit 07.11.2021 to 09.11.2021



NAAC Visit 07.11.2021 to 09.11.2021



NAAC Visit 07.11.2021 to 09.11.2021



**Mother Teresa Women's University Research and Extension Centre,
Coimbatore**

75th Independence Day

75th Independence Day – 26th August 2021 - 75th Independence Day was celebrated in **Mother Teresa Women's University Research and Extension Centre, Coimbatore** on 15-Aug-2021. Program was conducted with the motto to appreciate the service done by the police during COVID-19. Mrs.Anbu mani, Sub Inspector of Police, B2 Police station acted as Chief guest along with the constables of B2 Police station.



Ms.Anbu mani, SubInspector of Police, graced the occasion as chief guest



Flag Hoisting by Chief Guest Ms.Anbu mani, on 26^h August 2021 at MTWU Research and Extension centre, Coimbatore. .S.Kavitha, Coordinator of Coimbatore centre honored Chief guest with memento

Mother Teresa Women's University Research and Extension Centre, Coimbatore

Onam Celebration

Onam Celebration – 19th August 2021 - As per the Malayalam calendar, Onam is celebrated on the day of Thiruvonam nakshatram (Shravana asterism) in the month of Chingam. Students from Mother Teresa Women's University Research and Extension Centre, Coimbatore made Flower Rangoli and Prepared some traditional food items.



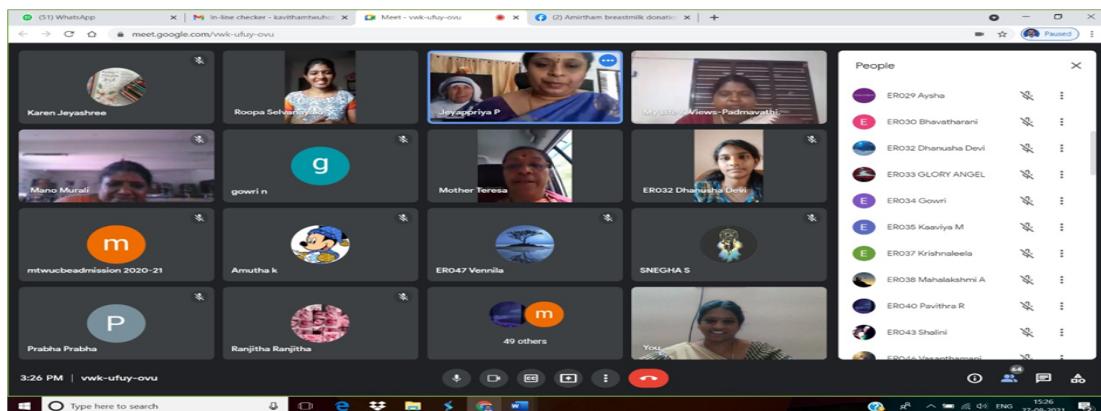
Onam Celebration at MTWU Research and Extension centre, Coimbatore on 19th August 2021

Mother Teresa Birth Anniversary

Mother Teresa Birth Anniversary - 26th August 2021 – We are extremely proud to celebrate **Birthday of Mother Teresa** at Mother Teresa Women's University Research and Extension Center, Coimbatore on 27th August 2021 by arranging zoom meeting .



Celebration of 111th birth anniversary of Mother Teresa at Coimbatore centre on 26th August 2021



Mrs.Roopa Selvanayaki, Founder, Amritham Breast Milk Foundation, Coimbatore acted as chief guest for celebration of 111th Birth Anniversary of Mother Teresa on 26th August 2021 at Coimbatore centre

Mother Teresa Women's University Research and Extension Centre, Coimbatore

Celebration of Teachers day

Celebration of Teachers day – 5th September 2021 – Motivational speech given by all faculty members Dr.S.Kavitha, Associate Professor and Head I/c, Department of Home Science, Dr.P.Jeyappriya,Associate Professor and Head I/c, Department of English and Foreign Language. Dr.K.Bhuvaneswari,Associate Professor and Head I/c,Department of Mathematics,Dr.G.Manonmani,Assistant Professor,Department of Home



Science, Dr.R.Padmavathi, Assistant Professor,Department of Commerce
Faculty members of Coimbatore centre gave motivational speech on Teachers Day

Vinayagar Sadurthi Celebration

Social Justice Day – 17th September 2021 - The Social Justice Day Pledge was adopted on the eve of Social Justice Day at **Mother Teresa Women's University Research and Extension Centre, Coimbatore** by Teaching and Non Teaching staffs and the Students at 10.30 a.m



Vinayagar Sadurthi celebration at MTWU Research and Extension centre, Coimbatore on 8th September 2021

Social Justice Day

Vinayagar Sadurthi Celebration - 8th September 2021 - Students and Faculty members from Mother Tersa Women's University R&E centre, Coimbatore have celebrated Vinayagar Sadurthi



Pledge Taking ceremony at MTWU Research and Extension centre, Coimbatore for Social Justice day on 17th September 2021

Constitution Day

Constitution Day 26th November 2021 - We are extremely proud to celebrate **Constitution Day** at Mother Teresa Women's University Research and Extension Center, Coimbatore on 26th November 2021. Dr.S.Kavitha, Coordinator gave a speech in the topic of "Why Constitution day?"



Pledge taking ceremony at MTWU Research and Extension centre, Coimbatore for Constitution day on 26th November 2021

Mother Teresa Women's University Research and Extension Centre, Coimbatore

Vigilance Awareness

Vigilance Awareness Week-2021 (26.10.2021) – Vigilance awareness day was celebrated at MTWU Research and Extension centre, Coimbatore on 26th October 2021. Awareness about Vigilance was created among the students by the staff members. Dr.S.Kavitha, Associate professor and Head i/c, Department of Home Science explained about Vigilance to the students.



Pledge taking ceremony at MTWU Research and Extension centre, Coimbatore for Vigilance awareness day on 26th October 2021



MOTHER TERESA WOMEN'S UNIVERSITY

KODAIKANAL-624102, TAMILNADU

(A State University established under the Act of Tamilnadu 1984)

www.motherteresawomenuniv.ac.in | 04542-244116 | 9486815116



Arts Courses

- Tamil Studies
- English
- Commerce
- Business Administration
- Historical Studies
- Business Administration (Tourism)

Science Courses

- Sociology
- Women's Studies
- Social Work
- Public Administration
- Journalism and Mass Communication
- Economics
- Biotechnology
- Botany
- Chemistry
- Physics (Specialization in Astrophysics)
- MCA
- Computer Science
- Mathematics
- Foods and Nutrition
- Textiles and Clothing
- Visual Communication
- Library and Information Science
- Guidance and Counselling

Also

- B.Ed
- M.Ed
- B.Ed. Spl. Education
- M.Ed. Spl. Education

Diploma Course

- Gandhian Thought

Certificate Courses

- Saiva Illakkiam
- Samana Illakkiam
- Mushroom Technology
- Gandhian Thought
- Communicative English
- Communicative French



5 Years Integrated Courses

- M.Sc Computer Science (Spl in Data Science)
- M.Com
- M.Sc Biotechnology
- M.A Sociology

PG Diploma Course

- Yoga

OUR OTHER CAMPUS

Chennai Campus

Mother Teresa Women's University Chennai Campus, Teacher's Training College Campus, Saidapet, 044-24347222 Chennai – 600 015.

Madurai Campus

Mother Teresa Women's University Madurai Campus Near Anna University Regional Centre, Keelakulikudi 9942035825, 9047770696 Madurai-625 019

Coimbatore Campus

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