



# SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY  
(DEEMED TO BE UNIVERSITY)

Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE

[www.sathyabama.ac.in](http://www.sathyabama.ac.in)

August 07, 2021

SIST/Reg. Off/2021/034

Circular

## Independence Celebrations 2021

The 75<sup>th</sup> Independence Day will be celebrated at our Institute on Sunday, the 15th August, 2021 at 9.00 am with great patriotic fervour. Our Chancellor will hoist the National Flag and address the gathering. All students and faculty are requested to join the flag hoisting ceremony. Buses will reach the campus by 8.30 am.

Please use face masks and social distancing during the ceremony.

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Dr.S.S.RAO, M.B.A., Ph.D.,  
REGISTRAR

**SATHYABAMA**  
INSTITUTE OF SCIENCE AND TECHNOLOGY  
(DEEMED TO BE UNIVERSITY)  
Jeppiaar Nagar, Rajiv Gandhi Salai,  
Chennai – 600 119.

## Photos of Independence Day Celebrations

15<sup>th</sup> August 2021







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October 7, 2021

SIST/Reg.Off/2021/054

Circular

## Ayudha Celebrations 2021

Ayudha Pooja will be celebrated in our campus on Saturday, 9<sup>th</sup> October, 2021 in the administrative block, followed by pooja in the respective departments. All the faculty, scientist and non-teaching staff are requested to take part in the Pooja Celebrations.

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Chennai – 600 119.

## Photos of Ayudh Pooja Celebrations

9<sup>th</sup> October 2021

@Centre for Aquaculture



@Dept of CSE



@International Research Centre



@Centre for Drug Discovery & Development







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23<sup>rd</sup> November 2021

SIST/Reg.Off/2021/071

## Circular

### World Computer Literacy Day – December 2021

The world Computer Literacy Day will be celebrated in our institute on 2<sup>nd</sup> December 2021. A weeklong series of events are organised to celebrate Computer Literacy Day.

A webinar on "Data and Blockchain for Education and Opportunities" is organised for all students and faculty from 2.30pm Indian time through Online Mode (ZOOM Platform).

A Computer Programming Quiz "CODE TWISTERS 2021" is Organised for the First Year Students from 2<sup>nd</sup> – 4<sup>th</sup> of December, 2021.

Three rounds of selection with various levels of complexity would be conducted. The first three winners would be awarded with cash prizes and Certificate. The venue for the event is Computer Science Ground Floor Lab, Time: 12pm. The students and faculty are requested to register online in the link provided in the brochure attached to get further details on the event.

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## SCHOOL OF COMPUTING

Department of Computer Science and Engineering  
Celebrates

## COMPUTER LITERACY DAY

### Code Twisters - Coding Contest for First Years

Dates 2<sup>nd</sup> - 4<sup>th</sup> December 2021



Syllabus: GK on Computers & Coding in C Language

Attractive Prizes and Participation Certificates

REGISTRATION LINK:

<https://forms.gle/JbGTEAmHrjvN1451A>

#### Chief Patrons:

Dr.MARIAZEENA JOHNSON, Chancellor  
Dr.MARIE JOHNSON, President  
Mr.J.ARUL SELVAN, Vice President  
Ms.MARIA BERNADETTE TAMILARASI, Vice President

#### Convenors:

Dr. T. Sasikala, M.E., Ph.D.,  
Dean, School of Computing  
Dr. L. Lakshmanan, M.E., Ph.D.,  
Head, Department of CSE  
Dr. S. Vigneshwari, M.E., Ph.D.,  
Head, Department of CSE

#### Patron:

Dr.T.SASIPRABA,  
Vice Chancellor

#### Organizers:

Dr.Bharathi, M.E., Ph.D.,  
Dr.S.Prince Mary, M.E., Ph.D.,  
Dr.Asha, M.E., Ph.D.,  
Dr.Ankayarkanni, M.E., Ph.D.,  
Dr.Joshila Grace, M.E., Ph.D.,



## Report on COMPUTER LITERACY DAY

**2<sup>nd</sup> DECEMBER, 2021**

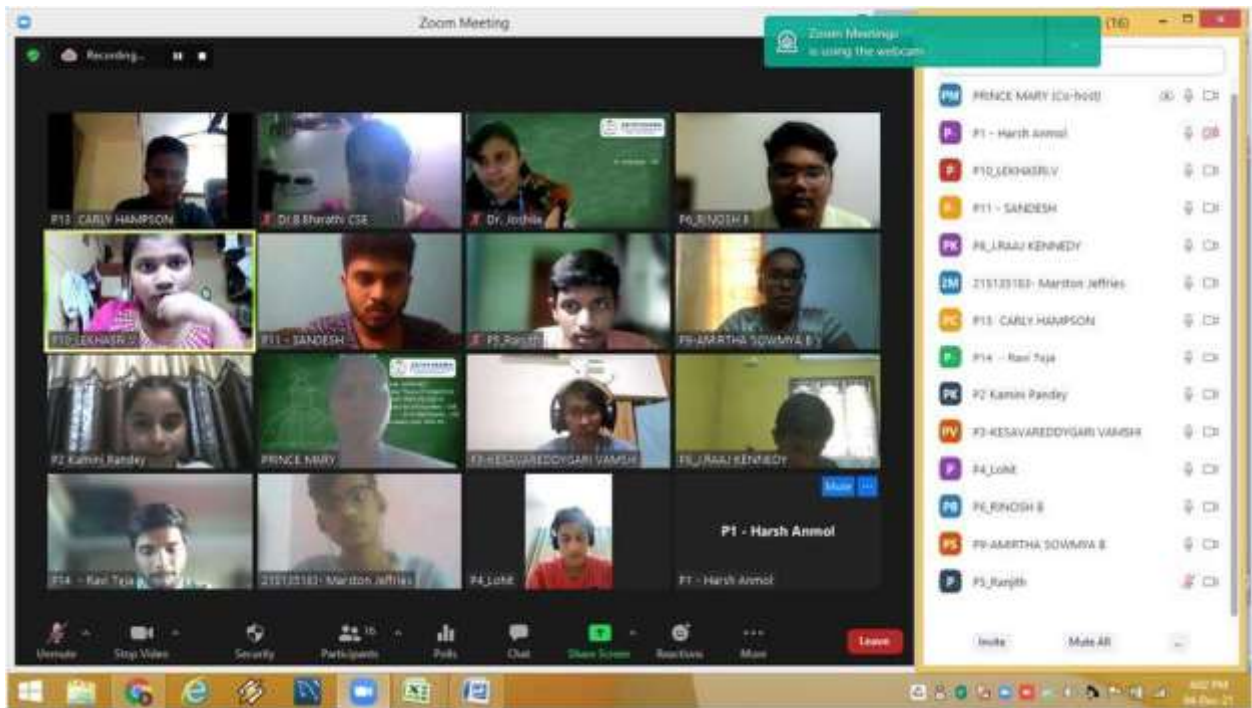
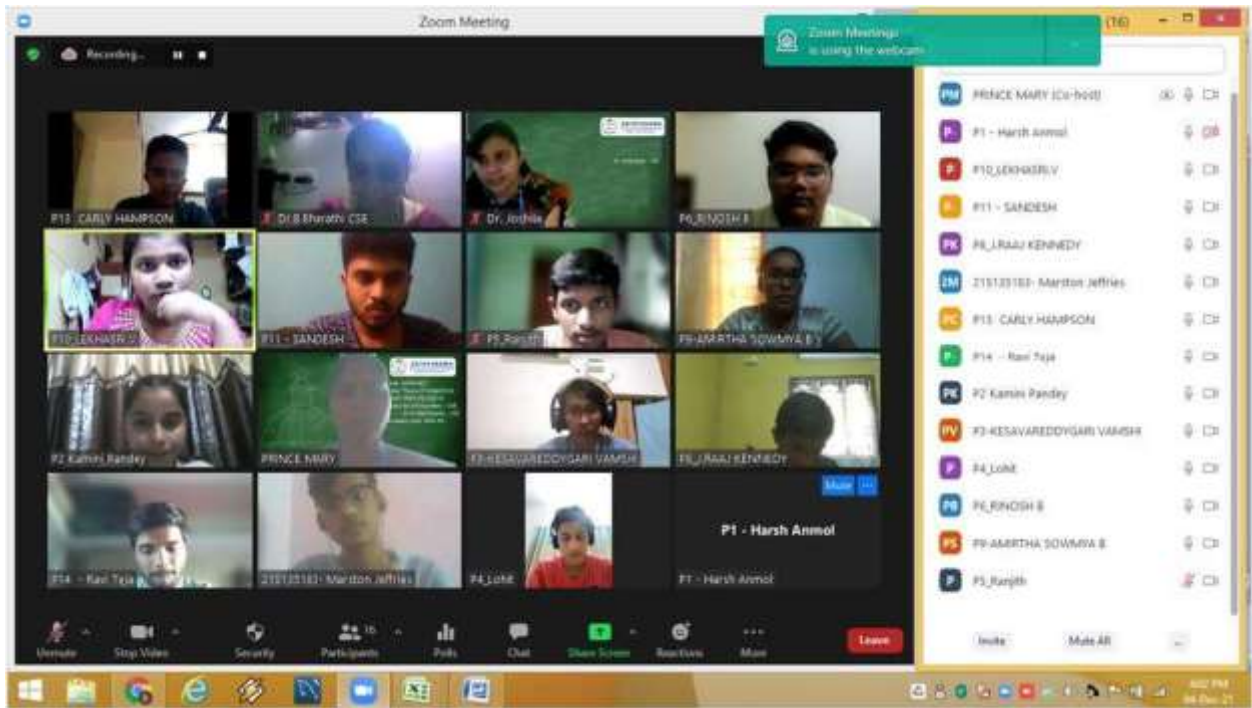
The Department of computer Science and Engineering conducted a coding quiz content “CODE TWISTERS 2021” as mark of celebrating Computer Literacy Day 2021. The event was conducted from the 2<sup>nd</sup> of December, 2021 to 4<sup>th</sup> December 2021 for the first year students of all departments across the university. The first round of the competition consisted of general knowledge quiz on computers and programming. Around 1150 first year students registered for the event and 885 students attended the first round of the competition. 167 selected students from round 1 attended the debugging round on the second day. The top 15 students attended the final programming round on dec 4<sup>th</sup>, 2021. The following students were adjudged as winners of the contest based on the logic used, coding style, timing, etc. The students participated with maximum enthusiasm and shared interest to participate many such events conducted by department in the future.

### WINNERS OF CODE TWISTERS 2021

| Sl.No | Email Address                 | Full Name of the Student | Roll Number of the Student | Department of the Student | Mobile Number | Place Won       | Prize amount |
|-------|-------------------------------|--------------------------|----------------------------|---------------------------|---------------|-----------------|--------------|
| P13   | carlyhampsonjarsc@gmail.com   | Carly Hampson A          | 21S115207                  | CSE                       | 9698696356    | Winner          | Rs.2000      |
| P8    | raajkennedy16@gmail.com       | J.RAAJ KENNEDY           | 21S135182                  | ECE                       | 8608799213    | First Runnerup  | Rs.1500      |
| P11   | sandeshsaravanan456@gmail.com | Sandesh S                | 21S115068                  | CSE                       | 6385128806    | Second Runnerup | Rs.500       |

### Photos of the Event







## Webinar on Importance of Data and Blockchain for Education and Opportunities

The Department of computer Science and Engineering conducted an international webinar on Importance of Data and Blockchain for Education and Opportunities as mark of celebrating Computer Literacy Day 2021. The event was conducted on the 2<sup>nd</sup> of December, 2021 to 4<sup>th</sup> December 2021 for the students of all departments across the university. The speaker Mr.Vijay Pravin Maharajan, the CEO of bitscrunch GmbH, Germany detailed on the importance of data and the various future opportunities of Blockchain in India.



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## SCHOOL OF COMPUTING

Department of Computer Science and Engineering  
Organizes

## COMPUTER LITERACY DAY

An International webinar on  
*Importance of Data & Blockchain for  
Education and Opportunities*

**Date**  
02-12-2021 (Thur)

**Time**  
02.30pm to 03.30pm  
(IST)

**Vijay Pravin Maharajan**  
Founder & CEO  
bitsCrunch GmbH, Germany



Register here: <https://forms.gle/WCU2K3fiC1Fr457A6>  
Zoom meeting credentials will be sent through email

### Chief Patrons

**Dr.Mariazeena Johnson**  
Chancellor

**Dr.Marie Johnson**  
President

**Mr.J.Arul Selvan**  
Vice President

**Ms.Maria Bernadette Tamilarasi**  
Vice President

### Patron

**Dr.T.Sasipraba**, Vice Chancellor

### Convenors

**Dr.T.Sasikala**, Dean, School of Computing

**Dr.L.Lakshmanan**, HoD, CSE Department

**Dr.S.Vigneshwari**, HoD, CSE Department

### Organizers

**Dr J.Cruz Antony**, Asst. Professor, CSE

**Dr B.Bharathi**, Professor, CSE

**Dr M.Suganiya**, Asst. Professor, CSE



## OWASP student Chapter Inauguration

School of computing inaugurated the OWASP Cyber security student chapter on the 2<sup>nd</sup> of December, 2021 as a mark of celebrating the computer literacy day. Vice Chancellor Dr. T. Sasipraba inaugurated the chapter and gave away the presidential address. Mr. Kishore Hariram, Security Service Consultant of the OWASP chapter Tiruvallur was the guest speaker. He detailed on the benefits of being a student chapter member and listed the various activities the students can get involved themselves for overall development.



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## SCHOOL OF COMPUTING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

**Proudly Inaugurates**

### OWASP SATHYABAMA STUDENT CHAPTER ( CYBER SECURITY )

**DATE: 2nd Dec , 2021**  
**TIME: 11:30AM**

**Event is conducted  
through zoom**



**Mr. Kishore Hariram**  
**Security Service Consultant**  
**OWASP Thiruvallur**  
**Synopsys India Private Limited**

#### Chief Patrons:

Dr. Mariazeena Johnson, Chancellor  
Dr. Marie Johnson, President  
Mr. J Arul Selvan, Vice-President  
Ms. Maria Bernadette Tamilarasi, Vice President

#### Patron:

Dr. T. Sasipraba, Vice Chancellor

#### Convenors:

Dr. T. Sasikala, Dean, School of Computing  
Dr. L. Lakshmanan, Head, Department of CSE  
Dr. S. Vigneshwari, Head, Department of CSE

#### Staff-Coordinators:

Dr. S. Dhamodaran, Assistant Professor, CSE  
Dr. J. Albert Mayan, Associate Professor, CSE





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December 20, 2021

SIST/Reg.Off/2021/080

## Circular

### Christmas Celebrations 2021

Christmas celebrations will be organized in our campus on Wednesday, the 22<sup>nd</sup> December, 2022. All the faculty, scientists and non-teaching staff are requested to join in the holy mass followed by cake distribution. Our Chancellor and President will be joining us in the celebrations.

Wishing you all a Merry Christmas and a prosperous New Year!

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**Photos of Christmas Celebrations**

**December 2021**







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January 20, 2022

SIST/Reg.Off/2022/006

Circular

## Republic Day 2022

The 73<sup>th</sup> Republic Day will be celebrated in our Institute on Wednesday, the 26<sup>th</sup> January, 2022 at 9.00 am. Our Chancellor will be hoisting the National Flag and will address the gathering. All the faculty and students are requested to assemble near the flag hoisting pole by 8.45 am. Buses will reach the campus by 8.30 am.

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A handwritten signature in green ink, likely of the Registrar, is written over the word 'Registrar'.

Photos of Republic Day Celebrations

January 26, 2022







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January 31<sup>st</sup>, 2022

SIST/Reg.Off/2022/008

## Circular

### World Wetlands Day 2022 – Awareness on conservation

An online International Colloquium on "Importance of the Conservation of Wetlands" will be held on the occasion of the World Wetlands Day (2<sup>nd</sup> February) at our institute on Wednesday, the 2<sup>nd</sup> February 2022 between 12.00 am to 2.00 pm. All students, faculty and non-teaching members are invited to participate in the World Wetlands Day awareness program. Contact Dr.Amit Kumar, Center for Climate Change Studies, Sathyabama Institute of Science and Technology for more information and registration. The webinar flyer is attached for viewing and circulation.

Registration to the event is free.

Register here, <https://forms.gle/MWWWP CfUxvyHBgk2A>

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# SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY  
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12B STATUS BY UGC



## Centre for Climate Change Studies

We cordially invite you all to join us on

## WORLD WETLANDS DAY 2022



WETLANDS: THROUGH THE EYES OF A NATURE ENTHUSIAST

### **Invited speakers**

### **Date & Time:**

**02 Feb 2022 (Wednesday)  
12 PM to 2 PM**



**Basil Peter**

**Nishand Venugopal**

### **Registration Link:**

<https://forms.gle/WWfWPCfUxvyHBgk2A>

**Only registered participants  
will get the ZOOM link**

### **Chief patrons**

**Dr. Mariazeena Johnson, Chancellor  
Dr. Marie Johnson, President  
Mr. J. Arul Selvan, Vice President  
Ms. Maria Bernadatte Tamilarasi,  
Vice President**

### **Patron**

**Dr. T. Sasipraba, Vice Chancellor**

### **Organizers:**

**Ms. Kunjulakshmi K  
Dr. Amit Kumar  
Dr. S. Prakash**



**Email**

**training.cccs@gmail.com**



## Profile of the invited speakers



**Nishand Venugopal**

A nature enthusiast, Nishand Venugopal quit his 15-year-old job as a producer in a leading English news channel to pursue his passion for nature and wildlife conservation. He's an avid nature photographer, writes poetry and prose that focus on nature and conservation, and uses his website ([www.nishandphotoark.com/](http://www.nishandphotoark.com/)) and social media channels to encourage people to observe and conserve nature. His articles and poems have been featured on websites such as Lonely Conservationists, Science Next Door, The False Trail, Kate on Conservation, Spillwords, Conservation Optimism, East Mojo etc. He was selected as Saevus Wildlife magazine's Gallery Member of the Month for March 2020 and his interview was published in the magazine. Recently his blog got published in the book named 'The Secret Life of Conservationists' by Lonely Conservationists.



**Basil Peter**

Wildlife & Nature Photographer, Basil Peter is a member of Cochin Natural History Society (CNHS). He serves as a resource person for Kerala Forest Department. He is instrumental in spreading awareness for nature conservation. He delivers frequent talks about Birds & conservation to schools & colleges, nature clubs in India and abroad. He is also a guest speaker in Iowa University, Chicago. He has conducted photo exhibitions "Whispers from Nature" at Durbar Hall for Kerala Forest Department, and in the High Court of Kerala. He has given interview to All India Radio on important days related to nature. His photos are published in leading newspapers, magazines such as The Hindu, Indian Express, Malayala Manorama & Mathrubhumi and in the books of reputed Naturalists.

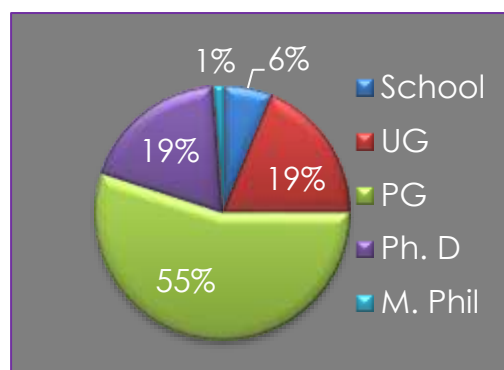
## Report on World Wetlands Day

It was announced that 2nd February 2022 is the first year that World Wetlands Day will be observed as a United Nations international day, following its adoption by the General Assembly. The theme for the 2022 edition was Wetlands Action for People and Nature, and it highlights the importance of actions that ensure that wetlands are conserved and sustainably used. As part of which an exclusive webinar session was organized by the Centre for Climate Change Studies, Sathyabama Institute of Science and Technology, Chennai.

The session was initiated with the presidential address of Vice Chancellor Dr. T. Sasipraba, who firstly commended the Centre for Climate change studies for the effort of organizing webinar. She further explained about the importance of conserving the natural ecosystem of wetlands and welcomed the speakers to the take over the session.

The session was presided over by Mr. Basil Peter, a member of Chennai Natural History Society and passionate bird photographer, who firstly commended all the participants for their high spirits to attend the lecture on wetland birds. He further went on to give a vivid outlook based on his experiences about wetlands in Kumbalangi and Kandakadavu in Kochi and was kind to share his photographs of birds like Grey heron, Great Egret, Cormorant, etc. This crucial session was taken over by Mr. Nishand Venugopal, an enthusiast nature conservationist and poet. The photos of wetland birds and animals from all over India and his poem, “The heat is upon them: Wetlands and the black-necked cranes” enriched the session.

Environment enthusiasts, school and college students, and research scholars from various institutions across the country participated in the event.



The session went on to be more informative as the participants interacted with the speakers about the conservation strategies for wetlands and migratory birds.







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January 31<sup>st</sup>, 2022

SIST/Reg.Off/2022/009

## Circular

### World Cancer Day 2022

An online Seminar on "Role of Artificial Intelligence (AI) in cancer diagnostics and Human Pappilloma Virus (HPV) in Cervical Cancer" will be conducted in commeration of the World Cancer Day (4<sup>th</sup> February) at our institute on Wednesday, 09-Feb-2022 between 11.00 am to 1.00 pm. All students, faculty and non-teaching members are invited to participate in the World Cancer Day awareness program. Contact Dr.Krupakar Parthasarathy, Center Drug Discovery and Development (CDDD), Sathyabama Institute of Science and Technology for more information and registration. The webinar flyer is attached for viewing and circulation.

Registration to the event is free.

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Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai-600119.  
Tamil Nadu, India



# World Cancer Day

Webinar on 09-02-2022 (Wednesday)  
11:00AM -1.00PM



**Dr. V. Haribalaji**  
CEO,  
VivagenDX Labs



**Mr. Ganesh Kumar**  
General Manager  
LifeCell International Pvt Ltd

## Theme

Early detection of cancer which plays an important role in decreasing the incidence of, and mortality from cancer. Dr. Haribalaji will share his experience on the role of Artificial intelligence (AI) in the screening, diagnosis and therapy of cancer. Mr. Ganesh Kumar will share his views on Human Papilloma Virus and its association with cervical cancer with reference to the Indian scenario.

## Patrons

**Dr. Mariazeena Johnson, Chancellor**

**Dr. Marie Johnson, President**

**Mr. J. Arul Selvan, Vice-President**

**Mrs. Maria Bernadette Tamilarasi, Vice-President**

**Dr. T. Sasipraba, Vice Chancellor**

**Organizer : Dr. Krupakar Parthasarathy, Scientist D**

**Co-Organizer : Dr. M. Radhakrishnan, Scientist E**

Registration link



<https://forms.gle/9hGSezytG1551HTv5>

**Organizing Team : Scientists and JRFs**

**Centre for Drug Discovery and Development (CDDD, SIST)**

Meeting Link will be shared to the registered participants. E-Certificates will be provided.

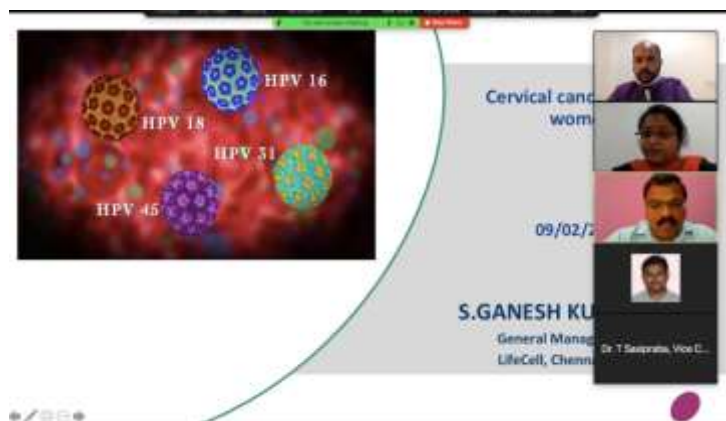
No Registration fee

## Report: World Cancer day webinar on 9th February 2022

Centre for Drug Discovery and development had organized a one-day webinar in commemoration of world cancer day on 9th February 2022. 131 participants had registered for the webinar. Students, Staff, teachers, and research scholars had registered for the event. We had two scientific experts delivering their talks on Cancer diagnostics and therapeutics. Dr. Haribalaji shared his views on the Role of Artificial Intelligence (AI) in Cancer diagnostics. He also gave an introduction to machine learning and data generation. Mr. Ganesh Kumar shared his experience on Human Papilloma Virus (HPV) and its association with Cervical Cancer. The program started at 11 am with a brief introduction about the theme-cancer. An introductory note was delivered about the Centre for drug discovery by Dr. M Radhakrishnan, Scientist In charge of CDDD. The participants were enthusiastic and asked questions, which were answered very gracefully by our chief speakers. The program concluded with a vote of thanks at 1 pm. The photographs taken during the online webinar are enclosed. Feedback was collected from the participants.



Dr. Haribalaji (CEO, VivagenDx Labs) presenting on AI based Cancer Diagnostic



Mr. Ganesh Kumar presenting on HPV and its association with Cervical Cancer Diagnostic

Report Prepared By  
Dr. Krupakar Parthasarathy





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February 02, 2022

SIST/Reg.Off/2022/010

## Circular

### International Day of Women and Girls in Science - 2022

Our insitiute is happy to inform you that on the occasion of the **International Day of Women and Girls in Science**, 11<sup>th</sup> February 2022, the Centre for Nanoscience and Nanotechnology is organizing one day programme for UG/PG girl research scholars. **Dr. Aruna Dhathathreyan**, Professor (AcSIR) and emeritus scientist (DST) at the Advanced Materials Lab., CSIR-CLRI will deliver a talk on the **Journey of Women in Science**. Online events (Quiz, Elocution and Drawing) will be conducted from 9.30 onwards. Interested girl research scholars are requested to contact Dr. Vinita Vishwakarma, Centre for Nanoscience and Nanotechnology, International Research Centre for registration.

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Chennai - 600 119.

# International Day of Women and Girls in Science

11<sup>th</sup> February - 2022



**Organized by**  
**Center for Nanoscience and Nanotechnology**  
**International Research Center**



**SATHYABAMA**  
**INSTITUTE OF SCIENCE AND TECHNOLOGY**  
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**CHENNAI- 119, INDIA**





## Detailed program

### Guest Lecture

on

**"Journey of Women in Science"**

by

**Dr. Aruna Dhathathreyan**

Emeritus Scientist and Professor (AcSIR)

AcSIR, CSIR-CRI, Adyar

Chennai, India.



## Online Contests



**Elocution:** Any specific scientific discoveries of woman and what impact that had on the scientific society

**Drawing:** Sketch your favorite woman scientist



**Quiz:** wonders of women in science

Registration link: <https://tinyurl.com/2p9yu2vh>

Registration Deadline : 8<sup>th</sup> February 2022

**Who can Register: UG /PG/Ph.D (Female Participants)**

### Patrons

Dr. Mariazeena Johnson, Chancellor

Dr. Marie Johnson, President

Mr. J. Arul Selvan, Vice President

Ms. Maria Bernadatte Tamilarasi, Vice President

### Organizing Secretary

Dr. T. Sasipraba

Vice chancellor

### Organizing Team

Dr. Vinita Vishwakarma

Mr. Karthik Alagarsamy

Ms. Priyadharshini

Dr. Sudha Uthaman

Mr. Saravanan . C

### Contact Details

Email ID: [sistevent.2022@gmail.com](mailto:sistevent.2022@gmail.com)

Mobile: 9566523176, 9629334459, 8838190094

E-Certificates  
will be  
provided

## Report on International Day of Women and Girls in Science

On 11 February 2022 Centre for Nanoscience and Nanotechnology, organized several competitions on the occasion of **International Day of Women and Girls in Science**. This program got an overwhelming response from the student, researchers, scientific communities, and industries and it received around 650 registrations from all over India. The Program was formally inaugurated with Thamizh Thaaai Vaazhthu (Invocation to Mother Tamil). Vice Chancellor, **Dr T Sasipraba**, Sathyabama Institute of Science and Technology delivered the presidential address and she expressed her deep sense of gratitude for Women and Girls in Science. She insisted that women and girls should pursue their careers smoothly without any hurdles and expressed how career dreams shatter after marriage.

The welcome address was delivered by **Dr. Vinita Vishwakarma (Professor, Research)**, Centre for Nanoscience and Nanotechnology, highlighting the importance of the day and some stories of Women in Science, whose stories are inspiring in our life. Young researchers and student communities have an important role in establishing and evolving cultures and nations. She welcomed the guest of honour for the day **Dr. Aruna Dhathathreyan**, Emeritus Scientist and Professor (AcSIR) AcSIR, CSIR-CRI, Adyar Chennai.

The Highlights of the Program were specified by **Dr. Sudha Uthaman**, Scientist-C, Centre for Nanoscience and Nanotechnology. There was an announcement for three online contests **Elocution** on the theme of “Any specific scientific discoveries of woman and what impact that had on the scientific society”, **Drawing** on the theme of “Sketch your favourite woman scientist”, **Quiz** on the theme of “wonders of women in science”. Since the number of participants was more, a preliminary assessment was conducted for them on 10<sup>th</sup> February and selected for the final round.

**Dr. Aruna Dhathathreyan** addressed the gathering on the “Journey of Women in Science” and issues in their every walk of life. She has focused her speech on gender equality, and women's empowerment and recognizes women's contribution to research and innovation. She shared her experience on the greatest challenges that she has faced during her career. It is the time to break the stereotypes system set and defeat discrimination against women and girls in science.



After the guest speaker lecture, the finals for the selected participants in **Elocution**, **drawing** and **quiz** were conducted. The total number of participants for the final round completion was Elocution (13) Drawing (22) and Quiz (24). After this, the best three prizes were announced in each category with a certificate of appreciation and gift vouchers of Rs.700, Rs.500 and Rs.400 for the first, second and third winners.

**Mrs. Priyadharshini**, Scientific Assistant, Centre for Waste Management, Sathyabama Institute of Science and Technology delivered the vote of thanks and thanked the management, speakers, delegates and participants from different parts of the country to make the program a grand success. The **feedback** about this program from the participants was appreciated as an inspiring, motivational program for them and thanked the organising team. The ceremony concluded with the National Anthem.



Report Prepared By,

Dr. U. Sudha and Dr. Vinita Vishwakarma

Organizers, International Day of Women and Girls in Science 2022



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8<sup>th</sup> February 2022

SIST/Reg.Off/2022/011

**Circular**  
**National Science Day 2022**

Dear Principal,

Greetings from Sathyabama Institute of Science and Technology! It gives us immense pleasure to inform you that Sathyabama Institute of Science and Technology is organizing competitions for school students (9th-12th class) on the Occasion of National Science Day from 1<sup>st</sup> to 5<sup>th</sup> March 2022. From March 1<sup>st</sup> to 3<sup>rd</sup> there will be ONLINE prelims for QUIZ and ELOCUTION. On the 5<sup>th</sup> of March, MODEL MAKING competitions, and finals for Quiz and Elocution are scheduled in OFFLINE mode in Sathyabama Campus. In this regard we request you to encourage your students to participate in the events. The last date for registration is 25<sup>th</sup> February 2022. More information on the event can be found in the attached flyer. For registration contact: [nationalscienceday@sathyabama.ac.in](mailto:nationalscienceday@sathyabama.ac.in)

Looking forward to welcoming your school team.

Registrar

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REGISTRAR  
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Chennai - 600 119.





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JEPPIAAR NAGAR, RAJIV GANDHI SALAI,  
CHENNAI - 600 119. TAMILNADU, INDIA.



Proudly Organizes  
Competitions for school students  
on the occasion of

# National Science Day 2022

## EVENTS

Quiz  
Elocution  
Model Making

Win exciting prizes in all events

## EVENT SCHEDULE

1<sup>st</sup> March - 3<sup>rd</sup> March (Online)

Quiz Prelims  
Elocution Prelims

5<sup>th</sup> March (Offline)

Model Making  
Quiz Finals  
Elocution Finals  
Award Ceremony & Valedictory

## RULES

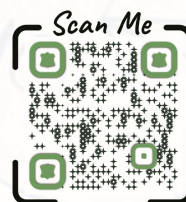
Quiz: Team of 2  
Elocution: Individual  
Model Making: Team of 2



Eligibility: 9<sup>th</sup>, 10<sup>th</sup>, +1 and +2 Students

**FREE Registration**

Register here: <https://forms.gle/lvK69eBTCrJ48vH1A>



**Last date to register: 25.02.2022**

## Patrons

Dr. MARIAZEENA JOHNSON, B.E., M.B.A., Ph.D  
Chancellor  
Sathyabama Institute of Science and Technology

Dr. MARIE JOHNSON, B.E., M.B.A., Ph.D  
President  
Sathyabama Institute of Science and Technology

Mr. J. ARUL SELVAN  
Ms. MARIA BERNADETTE TAMILARASI  
Vice Presidents  
Sathyabama Institute of Science and Technology  
Dr. T. SASIPRABA, M.E., Ph.D,  
Vice Chancellor  
Sathyabama Institute of Science and Technology

## Organizing Team

Dr. J. Brijitta | Dr. Krupakar Parthasarathy  
Dr. Amit Kumar | Dr. D. Ramachandran  
Dr. U. Sudha | Dr. S. Sanjeevi Prasath  
Dr. J. Karthikeyan | Dr. S. Ravichandran  
Dr. C. Ramesh Kumar | Dr. T. S. Shyju  
Dr. S. Ajith Kumar | Mr. C. Saravanan  
Mr. V. Balachandar | Ms. Kunjulakshmi .K

Contact us : [nationalscienceday@sathyabama.ac.in](mailto:nationalscienceday@sathyabama.ac.in)

## **Report on National Science Day 2022**

On the Occasion of National Science Day 2022, Sathyabama Institute of Science and Technology organized Quiz, Elocution, and Model Making competitions for School students of 9<sup>th</sup> to 12<sup>th</sup> grade from 1<sup>st</sup> to 5<sup>th</sup> March 2022. About 468 students from 37 schools participated in this event. After preliminary screening four teams for quiz, four students for elocution and 25 teams for model making were invited to the campus for the finals. Winners in all the events received Celestron-PowerSeeker Telescopes as the First, Second and Third prizes. The Vice Chancellor Dr. T. Sasipraba distributed the prizes. All the participants were given a foldscope (DIY paper microscope).















Report Prepared By  
Dr. Brijitta J  
Organizer, National Science Day 2022





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19<sup>th</sup> March, 2022

SIST/Reg. Off/2022/15

**Circular**  
**World TB Day 2022**

An online Seminar on "Avenues and Challenges in Tuberculosis Research" will be conducted in commemoration of World TB Day (24<sup>th</sup> March) at our Institute on Thursday, 25<sup>th</sup> March 2022 between 10.00 AM – 12.30 PM. All the students, faculty and non-teaching members are invited to participate in the World TB Day awareness Program. Contact Dr. M. Radhakrishnan, Centre for Drug Discovery and Development (CDDD), Sathyabama Institute of Science and Technology for more information and registration. The webinar flyer is attached for viewing and circulation.

Registration to the event is free

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Chennai- 600 119, Tamil Nadu, India.**



## **National Webinar on Avenues & challenges in Tuberculosis Research**

**In commemoration of World TB day (24<sup>th</sup> March)**

**Theme 2022**

**Date : 25<sup>th</sup> March, 2022 (Friday)**

**Time : 10.00 AM – 12.30 PM**



### **Speaker**



**R K Shandil,**

Founder Director & Vice President Biology  
Foundation for Neglected Disease Research (FNDR)  
Bengaluru, India

Topic : Avenues & challenges in anti-TB drug discovery



**Dr. Anil Jacob Purty**

Professor & HOD of Community Medicine,  
Registrar, Pondicherry Institute of Medical Sciences  
Puducherry, India

Topic : Tuberculosis and Drug Resistance

### **Patrons**

**Dr. Mariazeena Johnson,** Chancellor

**Dr. Marie Johnson,** President

**Mr. J. Arul Selvan,** Vice President

**Ms. Maria Bernadette Tamilarasi,** Vice-President

**Dr. T. Sasipraba,** Vice Chancellor

**Organizer: Dr. M. Radhakrishnan,** Scientist E, CDDD-SIST

**Co-organizer: Dr. P. Krupakar,** Scientist D, CDDD-SIST

**No registration fee**

**Registration link:**

<https://forms.gle/HtcCT3ApyBqaaUsr7>

**Organized by**

**CENTRE FOR DRUG DISCOVERY AND DEVELOPMENT**

Col. Dr. Jeppiaar Research Park

Sathyabama Institute of Science and Technology

Chennai – 600 119, Tamil Nadu , India



## **Report on World TB Day 2022**

National webinar on 'Avenues & Challenges in Tuberculosis Research' was conducted by the Centre for Drug Discovery and Development, Sathyabama Institute of Science and Technology on 25<sup>th</sup> March, 2022 between 10:00 AM and 12:30 PM. The webinar was initiated with a welcome address by Dr. M. Radhakrishnan, Scientist-E, CDDD, SIST, followed by Inaugural address presented by Dr. T. Sasipraba, Vice Chancellor of SIST. She highlighted and appreciated the Scientists working Anti TB drug discovery at the Centre for Drug Discovery and Development.

Dr. RK Shandil, Founder Director & Vice President of Foundation of Neglected Disease Research (FNDR) was the first speaker of the day. His presentation on 'Avenues & Challenges in anti-TB drug discovery' was elaborate and informative. He briefed on the commemoration of World TB day and the history of TB research. He also explained the strategies carried out by WHO on eradicating TB, in addition to comments on existing TB drugs and expected TB drugs. He detailed on target based opportunities, importance of animal models and repurposing in TB drug discovery. He concluded his talk with the relevance of lessons learned from COVID19 pandemic applicable to TB.

After the first question and answer session, the second speaker Dr. Anil Jacob Purty, Professor & HOD, Community Medicine of Pondicherry Institute of Medical Sciences, presented on the topic 'Tuberculosis and Drug Resistance'. His presentation mainly focused on government policies and strategies in TB research. He clearly explained the involvement of medical institutes and other government bodies in tackling TB infections. He also gave insight on TB drug resistance and the current scenario in Indian TB research.

Following the second question and answer session, the webinar was concluded with a Vote of Thanks by Dr. P. Krupakar, Scientist-D, CDDD, SIST. The interactive webinar was successfully conducted with ~120 participants.

# Avenues and Challenges in Anti TB drug Dis

## World TB day-March24-2022

**Dr. RK Shandil, Co-founder & Director-FNDR**

Foundation for Neglected Disease Research, Bangalore

A unique "Not for Profit R&D organization" dedicated to developing novel therapeutics, diagnostics and devices for diseases with a high socio-economic impact

Watch a video about FNDR: <https://www.youtube.com/watch?v=bHo5nHDsvi8>

## Challenges

- -Reaching the unreached: hard to reach areas, urban slums, migrants etc
- -Huge reservoir of latent TB infection
- - Social determinants outside health
- - Quality of care in private sector
- - Stigma and discrimination
- - Poor outcomes in drug resistant patients

Unmute Stop Video Security Participants Chat Share Screen Pause/Stop Recording Download Notes Feedback Apps Leave



Microsoft PowerPoint window showing a slide with the text "It's time to come together to end TB" and an image of hands joined in a circle with the text "Let's Join Hands Together".

It's time to come together to end TB

Let's Join Hands Together

Participants in the video call:

- Rajhath Dinesh Marudeni
- Anil Purty
- R.K. Shandi - FNOR Bangalore
- Dr. Kripakar Parthasarathy

Recording window showing a close-up of a participant (R.K. Shandi - FNOR Bangalore) speaking, with a list of participants on the left.

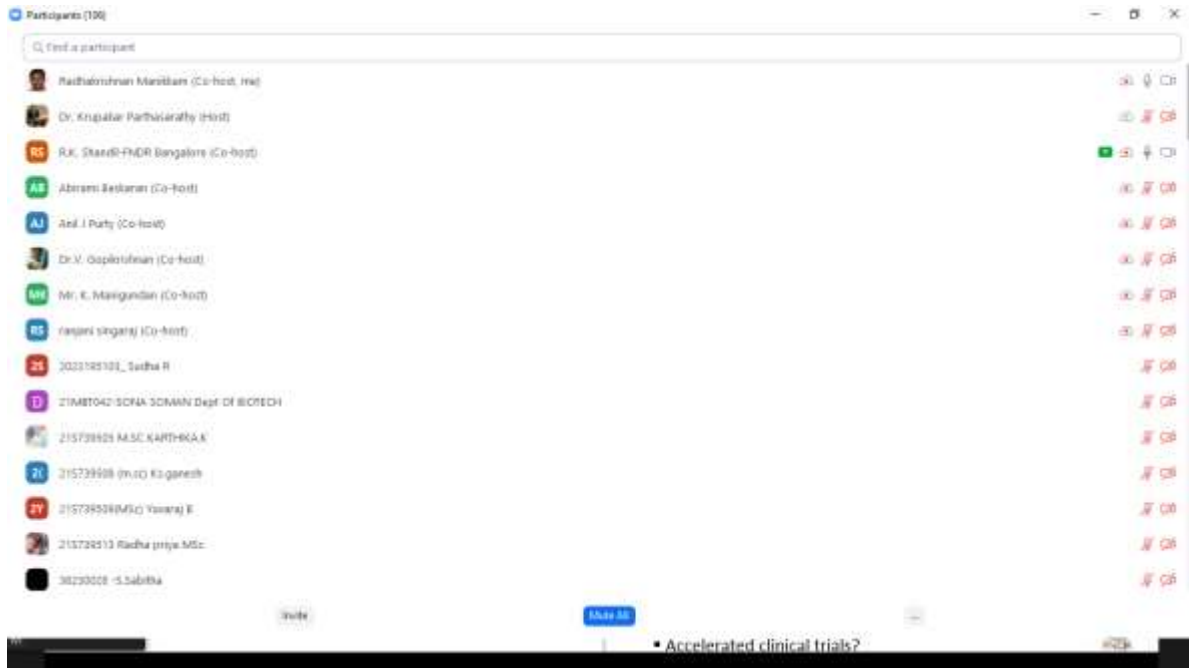
Recording...

Participants in the video call:

- Rajhath Dinesh Marudeni
- Anil Purty
- R.K. Shandi - FNOR Bangalore
- Devagi p
- Devagi p







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Chennai – 600 119, Tamil Nadu



## CERTIFICATE OF PARTICIPATION

IS PRESENTED TO

**ABIRAMI  
BASKARAN**

for actively participating in the National Webinar on 'AVENUES & CHALLENGES IN TUBERCULOSIS RESEARCH' in commemoration of World TB day, organized by the Centre for Drug Discovery and Development, Sathyabama Institute of Science and Technology on 25<sup>th</sup> March, 2022.

  
**Dr. M. Radhakrishnan**  
Organizing Secretary

  
**Dr. P. Krupakar**  
Co-Organizer

  
**Dr. T. Sasipraba**  
Vice Chancellor

**INVEST TO END TB, SAVE LIVES.**

Report Prepared By  
Dr. M. Radhakrishnan  
Convenor, World TB Day 2022



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5<sup>th</sup> April 2022

SIST/Reg.Off/2022/029

**Circular**

**NATIONAL FIRE SERVICE DAY 2022**

On the Occasion of National Fire Service Day 2022, Sathyabama Institute of Science and Technology in association with the National Safety Council of India is organizing a Hands-on training in fire safety for its research scholars, students, faculty and non-teaching staff on 12<sup>th</sup> April 2022. Mr.A. Gokul Suresh, Director, Sri Mother Safety, Chennai, will conduct the training. Interested research scholars, students, faculty and non-teaching staff are requested to contact Mr. C. Saravanan, IRC for registering in the training.

  
Registrar

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# National Fire Service Day 2022

April 12<sup>th</sup> 2022

In association with



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## National Safety Council

### India.

Organizes

**Hands on training in**

# FIRE SAFETY

Those who are interested can register here

SCAN ME



TRAINER: Mr. GOKUL SURESH A

DIRECTOR

SRI MOTHER SAFETY

CHENNAI

<https://forms.gle/vgPstGzzXK4LB1VZ6>



## Report on National Fire Service Day

On the Occasion of National Fire Service Day 2022, Sathyabama Institute of Science and Technology in association with National Safety Council of India, organized a Hands-on training in fire safety for its research scholars, students, faculty and non-teaching staff on 12<sup>th</sup> April 2022. About 60 staff and research scholars assembled in the Presentation Hall, Floor 1, International Research Centre. Our Vice Chancellor Dr. T. Sasipraba inaugurated the event at 10.00 am. Mr. A. Gokul Suresh, Director, Sri Mother Safety, Chennai, delivered a talk on the importance of Fire Safety and trained the participants on handling various fire extinguishers. A two hour hands on training on using different types of fire extinguishers and emergency fire rescue operations was given to the attendees of the event.

### Inauguration



### Training explanation



### Photos of Hands on Training



Report Prepared by  
Mr. C. Saravanan, Organizer, National Fire Service Day 2022





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16<sup>th</sup> April 2022

SIST/Reg.Off/2022/032

## Circular

### World Earth Day -2022

**World Earth Day** will be celebrated in our institute on 22<sup>nd</sup> April 2022. Dr. R. Rajesh Kannan will deliver an awareness talk on Ocean Pollution. Interested students and faculty members are requested to attend the event. Venue and Time: International Research Centre, 3.00 PM. Litter picking at Kovalam Muttukadu estuarine Barmouth and coastal region is arranged from 4 to 6 pm on 22<sup>nd</sup> April. For more information on the event, contact Dr. R. Rajesh Kannan, Centre for Nanoscience and Nanotechnology.

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# World Earth Day

22-04-2022

## Awareness Campaign & Litter picking

@

Kovalam-Muttukadu estuarine barmouth and coastal region

Please join with us at 3.00 PM to 5.00 PM

### Chief Patrons

**Dr. Mariazeena Johnson**  
Chancellor

**Dr. Marie Johnson**  
President

**Mr. J. Arul Selvan**  
Vice president

**Mrs. Maria Bernadette Tamilarasi**  
Vice President

### Organising Secretary

**Dr. T. Sasipraba**  
Vice chancellor

### Convenors

**Dr. R. Rajesh Kannan**  
**Mr. S. Nandha Gopal**  
**Mr. W. A. Carlton Ranjith**



## Report on World Earth Day

Date: 22/04/2022

Organised by International Research Centre (IRC)

Sathyabama Institute of Science and Technology, Chennai-600119

The program started at 3.00 pm with an awareness lecture delivered by Dr. R. Rajesh Kannan to create a plastic-free coastal ecosystem. A total of 20 volunteers from IRC visited the blue flag beach situated near Kovalam for creating awareness and a seashore litter picking party for protecting the seashores as a part of **World Earth Day** emphasising the removal of coastal debris. A total of 250kg of plastic debris were collected and handed over to the local blue flag beach officials. The volunteers started the litter picking from 4.00 To 6.00 pm followed by a group discussion on the same. At last, a total of 250kg of plastic debris were collected and handed over to the local blue flag beach officials.



Report Prepared by

Dr. Rajesh Kannan R

Convenor, World Earth Day 2022



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11<sup>th</sup> April 2022

SIST/Reg.Off/2022/033

## Circular

### Corrosion Awareness Day Symposium (CORPOSIUM-2022)

**Theme of the symposium: Corrosion of materials and its mitigation**

Our insitiute is happy to inform you that, the Centre for Nanoscience and Nanotechnology is organizing two days event, "**Corrosion Awareness Day Symposium (CORPOSIUM-2022)**" includes invited lectures by eminent speakers and poster presentation for UG/PG/Research Scholars and Faculties from various institutes and industries on **22<sup>nd</sup> and 23<sup>rd</sup> April 2022**. Last date of abstract submission is **5<sup>th</sup> April 2022**. Full length paper submission deadline is **15<sup>th</sup> April 2022**. Selected papers will be published in **Zaštita Materijala (Journal of Materials Protection)**, **Scopus Indexed journal**. Interested students and faculties are requested to contact **Dr. Sudha Uthaman**, Convener of the event, Centre for Nanoscience and Nanotechnology, International Research Centre.

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**Report on**  
**Corrosion Awareness Day**  
**22<sup>nd</sup> & 23<sup>rd</sup> April, 2022**

Centre for Nanoscience and Nanotechnology, Sathyabama Institute of Science and Technology (Deemed to be University) in association with Indian Institute of Metals (IIM) Kalpakkam Chapters organized Two days – Corrosion Awareness Day Symposium (CORPOSIUM-2022) on 22<sup>nd</sup> and 23<sup>rd</sup> April 2022. This program got an overwhelming response from the student, researchers, scientific communities, industries and it received around **100 registrations** throughout Tamilnadu. The program was formally inaugurated with the Thamizhthaaai Vaazhthu (Invocation to Mother Tamil). **Dr. Vinita Vishwakarma, Organizing Secretary**, delivered the welcome address. Vice Chancellor, **Dr. T Sasipraba**, Sathyabama Institute of Science and Technology delivered the presidential address. She explained the impact of corrosion in daily life and insisted every researcher to pursue their research on the mitigation of corrosion. **Dr. Sudha Uthaman, Convener** of CORPOSIUM-2022 presented the highlights of Corrosion Awareness Day.

Followed by the group photo and high tea, an invited lecture was delivered by Dr. B. Anandkumar, Scientific Officer-E, Materials and Metallurgy Group, Indira Gandhi Centre for Atomic research Kalpakkam. The second invited lecture was delivered by Dr. Jagadeeswara Rao, Scientific Officer-E, Aqueous Corrosion and Protection Section, Indira Gandhi Centre for Atomic research Kalpakkam.





Post lunch, posters were evaluated by 4 peers on corrosion and its control. The second day of the symposium started with an invited talk by Dr. Cinitha A, SERC, Taramani followed by Dr. Susai Rajendran, Professor, St. Antony's College for Women, Dindigul. After high Tea, Lab visits was arranged for the participants to show the research facilities of the International Research Centre. After lunch, an invited talk was delivered by Dr. Marijia Petrovic Mihajlovia, Scientist, Serbia through zoom video call. All the speakers were felicitated with mementos, honorarium and certificates. Followed by this, during valedictory, 5 best papers were awarded to the winners of poster presentation. The winners were given with Mementos and certificates of excellence. **Dr. Sudha Uthaman, Convener**, delivered the vote of thanks.





Reported By  
Dr. U. Sudha  
Organizer, CORPOSIUM 2022



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April 22, 2022

SIST/Reg.Off/2022/034

## Circular

### Ramzan Celebrations 2022

The Ramadan post-sunset feast will be celebrated in our campus on Tuesday, 26<sup>th</sup> April, 2022 at 6 pm in at Girls Mess, Gound floor, Immaculate Hostel. All the students and faculty are requested to participate in the iftar party and relish with the spirit of the Holy Month of Ramadan, with joy of goodness, peace, fervour and enthusiasm.

Registrar

Dr.S.S.RAO, M.B.A.,PH.D.,  
REGISTRAR

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19<sup>th</sup> April 2022

SIST/Reg.Off/2022/037

## Circular

### International Dance Day -2022

The International Dance Day will be celebrated virtually in our Institution on 29<sup>th</sup> April 2022. The event will have dancers performing from our Partnering Institutions from different Countries. The Event will also have a special talk by Mrs. Brindha Ramesh Founder, Sri Nardhanalaya on Bharatnatyam. Interested students and faculty members are requested to attend the event online from 10.00 am. For more information on the event, contact Dr. A Chitra Devi/Dr. Preethi Sheshadri, Centre for Academic Partnership and International Relations at [internationalrelations@sathyabama.ac.in](mailto:internationalrelations@sathyabama.ac.in).

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**SATHYABAMA**  
INSTITUTE OF SCIENCE AND TECHNOLOGY  
(DEEMED TO BE UNIVERSITY)  
Jeppiaar Nagar, Rajiv Gandhi Salai.  
Chennai - 600 119.





# SATHYABAMA

INSTITUTE OF SCIENCE & TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited with 'A' Grade by NAAC and Approved by AICTE

Rajiv Gandhi Road, Jeppiaar Nagar, Chennai - 600119, Tamilnadu, India

## International Dance Day

29th April, 2022

Invites dancers from across the World  
to participate & celebrate  
International Dance Day

Organized by  
Center for Academic Partnership &  
International Relations

Dance is the Joy  
of the Movement  
and the heart of  
life

### Patrons

Dr. Mariazeena Johnson, Chancellor

Dr. Marie Johnson, President

Mr. L. Arul Selvan

Ms. Marie Bernadette

Vice Presidents

Dr. T. Sasipraba

Vice Chancellor



DANCE is the  
hidden language  
of the SOUL

Participants will  
be provided with  
Appreciation  
Certificate

To Register - QR code or Link  
[shorturl.at/rKMQW](http://shorturl.at/rKMQW)

Timings - 1.00 PM IST onwards



For Further Queries, mail to [internationalrelations@sathyabama.ac.in](mailto:internationalrelations@sathyabama.ac.in)

Last Date for Registration - April 10th, 2022



**Report on  
INTERNATIONAL DANCE DAY  
29<sup>th</sup> April 2022**

Centre for Academic Partnership and International Relations had organized a virtual event to celebrate International Dance Day on 29<sup>th</sup> April 2022. International Dance Day is a global celebration of dance, created by the Dance Committee of the International Theatre Institute, the main partner for the performing arts of UNESCO. The event takes place every year on 29 April, which is the anniversary of the birth of Jean-Georges Noverre, the creator of modern ballet. The International dance day aims to encourage participation and education in dance. It further showcases the diversity as well as beauty of dance as a form of art.

This year we had participation from 8 Universities from Indonesia, Turkey, Ethiopia, Brazil, Malaysia and Bangladesh. Around 40 dancers from Various Countries had showcased their Country's Dance forms. Mrs Brindha Ramesh, founder Sri Nardhanalaya, Practitioner Bharatanatyam form of Dance was the Chief Guest for the day. Students from her school had performed a guest performance for the event.

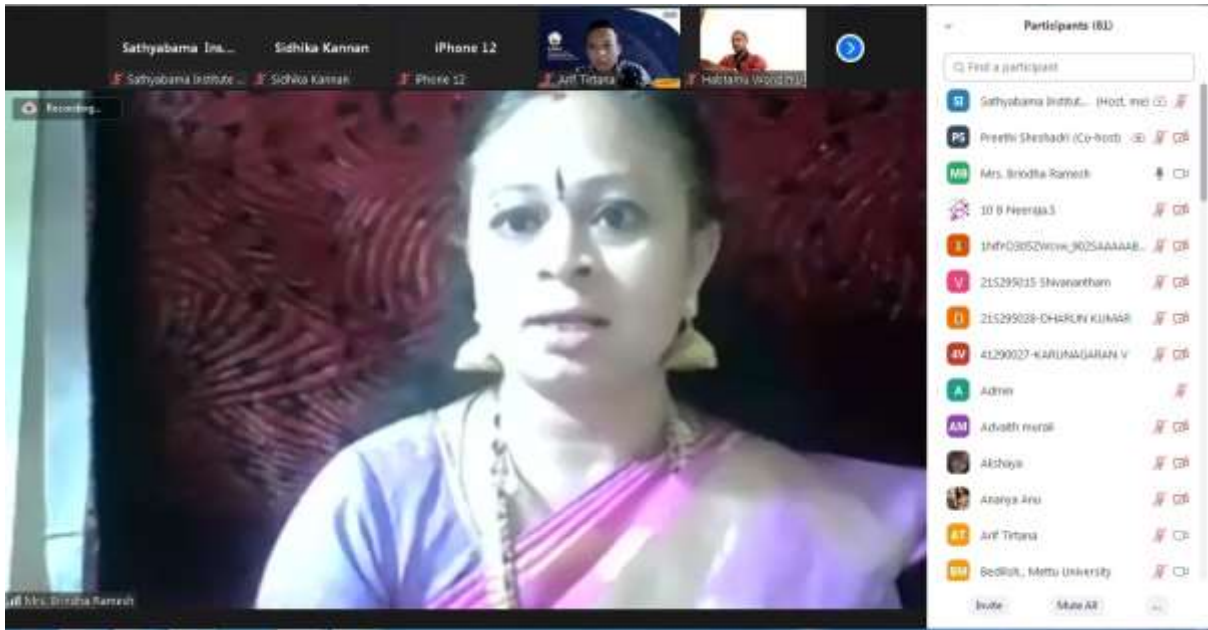
The Event started with a video presentation of the Indian Dance forms which gave awareness to the international participants and audience about the dance forms of India.

Sathyabama Students had performed an inaugural dance as a sign of welcome to all the participants. A Peacock Dance was performed by the students from Sri Nardanalaya as guest performance.

The Guest Dance performance was followed by the performances of students from our Partnering Universities across the world. The performances include Taring Topeng Dance of Indonesia, Dhamail Dance from Bangaldesh, Contemporâneo Dance from Brazil, Manuk Dadali Dance from Indonesia, Modern Dance from Malaysia and Sagli Dance from Ethiopia.

The Participants were provided with an appreciation certificate for their participation and performance. The Event concluded with a Vote of Thanks.







A screenshot of a Zoom meeting interface. The main video shows a group of men in white traditional attire performing a dance with long wooden poles. The interface includes a top bar with participant names, a "Recording" indicator, and a "Participants (53)" list on the right. The list includes names like "Sathyabama Instit...", "Prathek Shek...", "21S102304-SWETHA", "21S102307 Kanchel Karim", "21S115000 Soubhashree R", "21S115005 Roohi Karan K", "21S115030 Leelha shreeP", "21S115038 N.Arjya Dharmar", "Admin", "Adithi murali", "Adithi", "Ard Katar", and "Arthi V".

| Participants (53) |   |
|-------------------|---|
| SI                | Sathyabama Instit... (Host, me) [M] [A] |
| PS                | Prathek Shek... (Co-Host) [M] [A] [C]   |
|                   | [M] [A] [C]                             |
|                   | 21S102304-SWETHA [M] [A] [C]            |
|                   | 21S102307 Kanchel Karim [M] [A] [C]     |
| SS                | 21S115000 Soubhashree R [M] [A] [C]     |
|                   | 21S115005 Roohi Karan K [M] [A] [C]     |
|                   | 21S115030 Leelha shreeP [M] [A] [C]     |
|                   | 21S115038 N.Arjya Dharmar [M] [A] [C]   |
| A                 | Admin [M] [A] [C]                       |
| AM                | Adithi murali [M] [A] [C]               |
| A                 | Adithi [M] [A] [C]                      |
| AK                | Ard Katar [M] [A] [C]                   |
| A                 | Arthi V [M] [A] [C]                     |
|                   | Invite [M] [A] [C]                      |





Report Prepared By,  
Dr. Preeti Sheshadri  
Dr. P. Chitra Devi  
Convenors, International Dance Day





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[www.sathyabama.ac.in](http://www.sathyabama.ac.in)

16<sup>th</sup> May, 2022

SIST/Reg. Off/2022/045

## Circular

### International Day of Biological Diversity - 2022

National Webinar on "Indian Microbial Wealth" will be conducted for commemorating "International Day of Biological Diversity" on Tuesday, 24<sup>th</sup> May 2022 between 10.00 AM – 12.30 PM. All the students, faculty and non-teaching members are invited to participate in the World TB Day Awareness Program. Contact Dr. M. Radhakrishnan, Centre for Drug Discovery and Development (CDDD), Sathyabama Institute of Science and Technology for more information and registration. The webinar flyer is attached for viewing and circulation.

Registrar

Dr.S.S.RAO, M.B.A., Ph.D.,  
REGISTRAR

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Chennai- 600 119, Tamil Nadu, India.



Centre for Drug Discovery and Development  
Commemorates  
International Day for Biological Diversity - 2022  
with a National Webinar on  
**Indian Microbial Wealth**

Date : 24<sup>th</sup> May, 2022 (Tuesday)

Time : 10.00 AM - 12.30 PM

## Guest Speakers



### Dr. Ch. Venkataramana

Professor

Department of Plant Sciences

University of Hyderabad, Hyderabad, Telengana, India

Topic : Quest for the discovery of new bacteria from India:  
Opportunities and Challenges



### Dr. Anita Pandey

Professor

Department of Biotechnology

Graphic Era Deemed to University, Dehradun, India

Topic: Himalayan Microbial Diversity and their  
biotechnological importance

## Patrons

Dr. Mariazeena Johnson, Chancellor

Dr. Marie Johnson, President

Mr. J. Arul Selvan, Vice President

Ms. Maria Bernadette Tamilarasi, Vice-President

Dr. T. Sasipraba, Vice Chancellor

No registration fee

Registration link:

<https://forms.gle/C1ZBSZe9S8NvUCzb6>

Organizer : Dr. M. Radhakrishnan,

Scientist E, CDDD-SIST

Co-organizer : Dr. V. Gopikrishnan,

Scientist C, CDDD-SIST

*Organized by*

**CENTRE FOR DRUG DISCOVERY AND DEVELOPMENT**

Col. Dr. Jeppiaar Research Park

Sathyabama Institute of Science and Technology

Chennai - 600 119, Tamil Nadu, India

## **Report on International day for Biological Diversity 2022**

National webinar on 'Indian Microbial Wealth' was conducted by the Centre for Drug Discovery and Development, Sathyabama Institute of Science and Technology on 24<sup>th</sup> May, 2022 between 10:00 AM and 12:30 PM, in commemoration of International Day for Biological Diversity. The webinar was initiated with a welcome address by Dr. M. Radhakrishnan, Scientist-E, CDDD, SIST, followed by Inaugural address presented by Dr.T. Sasipraba, Vice Chancellor of SIST. She highlighted and appreciated the Scientists working on microbial diversity and bioprospecting at the Centre for Drug Discovery and Development.

Dr. Anita Pandey, Professor, Department of Biotechnology, Graphic Era, Dehradun was the first speaker of the day. Her presentation on 'Himalayan microbial diversity and their biotechnological importance' was elaborate and informative. She briefed on her career and research experience over the years. She discussed various strategies in growing psychrophilic and thermophilic microorganisms. In addition to bacterial cultures, she also stated cyanobacterial and fungal cultures along with their biotechnological potentials. She also detailed on plant-associated microbes and their role in Himalayan agriculture.

After the first question and answer session, the second speaker Dr. Ch. Venkataramana, Professor, Department of Plant Sciences, University of Hyderabad presented on the topic 'Quest for the discovery of new bacteria from India: Opportunities and Challenges'. His presentation mainly focused on his experience in isolation and identification of novel bacterial species from diverse environments throughout his career. He iterated the challenges faced during his work and the significance of discovery of new microbial genera. He concluded his lecture by highlighting the importance of species level identification of microbes when compared to the metagenomic identification.

Following the second question and answer session, the webinar was concluded with a Vote of Thanks by Dr. V. Gopikrishnan, Scientist-C, CDDD, SIST. The interactive webinar was successfully conducted with 60 participants. The general feedback was that the webinar was useful and informative. Many comments wished for such webinars in the future.



International Day of Biological Diversity – 2022  
National Webinar on  
**Indian Microbial Wealth**  
24<sup>th</sup> May, 2022

**Himalayan Microbial Diversity  
and  
their Biotechnological Importance**

CENTRE FOR DRUG DISCOVERY AND  
DEVELOPMENT  
Sathyabama Institute of Science and Technology  
Chennai - 600 119, Tamil Nadu, India

Dr. Anus Parvathy  
Department of Biotechnology  
Sathyabama Institute of Science and Technology  
Chennai - 600 119, Tamil Nadu, India  
anparvathy@cdadd.com, anparvathy@satia.ac.in

**Actinobacteria**

Streptomycin, Neomycin, Rhodocyclin

Lytic enzymes

Amphibian, Fungus, Lipase, Cellulase

Madhavi et al. (2009) Current Microbiology 59, 522-528  
Madhavi et al. (2010) Journal of Applied Microbiology 108, 1-7

**Identification of microorganisms by  
microbiologists**

Core taxonomists; sp. nov.; gen. nov. etc.

Non taxonomists; Bacillus subtilis like species strain xxxx

Systematist; OFIs or CTUs

**Quest for the discovery of new bacteria from India:  
Opportunities and Challenges**

International Day of Biological Diversity – 2022  
National webinar on "Indian Microbial Wealth"  
Sathyabama Institute of Science and Technology  
(Deemed to be University)  
Chennai - 600 119, Tamil Nadu

Prof. Dr. VISHAKHA SANKARAN  
Department of Plant Sciences,  
School of Life Sciences,  
University of Hyderabad,  
Gachibowli, Hyderabad 500082  
Mail: vishakha@gmail.com, vishakha@uohyd.ac.in

*Candidatus Lactiagrobacterium Sankaranii*  
Lactiagrobacterium Sankaranii

Endolymphic Actinobacteria  
Sankaran et al. (2019) Journal of Applied Microbiology 127, 1-10

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**CENTRE FOR DRUG DISCOVERY AND DEVELOPMENT**

**CERTIFICATE OF PARTICIPATION**

Certified that **Dr.KAYALVIZHI.T** participated in the National webinar on 'INDIAN MICROBIAL WEALTH' in commemoration of INTERNATIONAL DAY FOR BIOLOGICAL DIVERSITY, organized by Centre for Drug Discovery and Development, Sathyabama Institute of Science and Technology held on 24<sup>th</sup> May, 2022.

Dr. M. Radhakrishnan  
Scientist-E  
Organizing Secretary

Dr. T. Sasipraba  
Vice Chancellor  
Convener

Made for free with Certifyem

Report Prepared By  
Dr. M. Radhakrishnan  
Organizing Secretary, International Day for Biological Diversity