



Ministry of Culture  
Government of India



विज्ञान प्रसार  
VIGYAN PRASAR



Office of the Principal  
Scientific Adviser  
to the Government of India



Since 1881

**Cordially Invites  
to**

# **VIGYAN SARVATRA PUJYATE**

## **Festival of SCoPE for All**

Science Communication Popularization & its Extension

**22 - 28, February 2022**

**@**

## **THE AMERICAN COLLEGE, MADURAI**

Supported by

**DST - DBT - CSIR - MOES - ISRO - DAE - ICMR - DRDO**

## ABOUT THE COLLEGE

The American College, a higher educational institution, is known for its focus on academic excellence and social relevance. Its pioneering role in the development of college autonomy in India in 1978, its successful early implementation of Choice Based Credit System under autonomy and its completion of 139 years of services bear testimony to the position that the college currently enjoys. Originally founded by the American Missionaries in 1841, the American College grew into a collegiate education in 1881 at Pasumalai by the initiatives taken by Rev. G.T. Washburn, the Founder Principal of the College. In the year 1906, the college was shifted to the present campus during the time of second Principal Rev. W.M. Zumbro. It became independent of the Mission in 1934 when an autonomous Governing Council was formed to manage its own affairs. Earlier, it was affiliated to the University of Madras and later, it came under the jurisdiction of Madurai Kamaraj University in 1965. With its extreme sensitivity to national policies and community needs, the college has grown from strength to strength. It is one of the first set of seven colleges to be made autonomous by the UGC in 1977-1978.

Presently, the college offers twenty six undergraduate, sixteen postgraduate & nine M.Phil programmes in the Main Campus and two undergraduate, one postgraduate, one M.Phil programme & additional sections of eight undergraduate programmes in the Satellite Campus. There are eight research centres offering Ph.D Programmes in various disciplines, and two autonomous centres of Department of Applied Sciences (DAS) and Study Centre for Indian Literature in English and Translation (SCILET) that have received international attention. American College – Community College offers eight B.Voc. Programmes and four M.Voc. Programmes. The college was re-accredited (2nd Cycle) by NAAC with Grade “A” CGPA – 3.46 on a 4 point scale in 2016. Its alumni shine as luminaries internationally as scientists, intellectuals, administrators, corporate managers, statesmen, and leaders. The college has active theatre groups, National Service Scheme, N.C.C. units, and Service Learning Programme (SLP) that offer students a wide range of opportunities to serve society. These activities add up to make the campus vibrant for developing one's personality.

## ABOUT THE SCIENCE WEEK FESTIVAL

The country is grandiosely celebrating its 75th year of Independence with the slogan, 'Azadi Ka Amrit Mahotsav' from 12th March, 2021 to 15th August, 2023. The realms of Indian Science and Technology over the last 75 years have had a splendid impact on the development and progress of the country after Independence and in becoming a global economy over the last few decades. In celebrating the Azadi Ka Amrit Mahotsav, many major S&T organizations of the country, viz., DST, DBT, CSIR, MoES, ISRO, DAE, ICMR, DRDO, etc., have planned to observe the period 22nd – 28th February, 2022 as Science Week Festival. The Science week festival along with National Science day (28th Feb, 2022) is being celebrated at 75 centres all over India in local Indian languages. The American College Madurai has been identified as one of the centres in Tamil Nadu to popularize Science among the students and public. Dr. M. Davamani Christoher, The Principal & Secretary is the chairman and Dr. K. John Adaikalsamy, Head, Research Department of Chemistry is the Coordinator of the Program.

*The Highlights of the program are:*

- The Annals of History of Science
- 75 Milestones from the world of Indian S&T.
- Swadeshi-Paramparik Vigyan & Praudyogiki: Inventions and Innovations
- Science Literature Fest
- The Road ahead for next 25 years of Indian S&T

# SCHEDULE OF THE EVENT

## 22<sup>nd</sup> February

**Day 1— Inaugural of the Programme - 03:30 p.m.**

**Dr. J. Daniel Chellappa,**

Eminent Nuclear Scientist, Chennai

**Live telecast of Inauguration**

**from New Delhi**

**05:00 p.m.**

## 23<sup>rd</sup> February

**Day 2— Theme: From the Annals of History of Science**

**Registration**

**09:00 a.m.**

**Invited Talk**

**10:00 a.m.**

**Shri. J. Asir Packiaraj**

Outstanding Scientist & Associate Director  
IPRC, Mahendragiri

**Tea Break**

**11:30 a.m.**

**Invited Talk - Dr. G. Kumarasan,**

**11:45 a.m.**

Head, Department of Genetics, MKU

**Lunch**

**01:15 p.m.**

**Film Screening**

**02:15 p.m.**

**Tea Break**

**02:45 p.m.**

**Science Demonstration**

**03:00 p.m.**

**Mr. Sathiyamanickam,**

Galileo Science Centre, Madurai

**Science Exhibition**

**09:00 a.m.  
to  
04:00 p.m.**

**Sky Watch**

**06:00 p.m.**

Dr. Stephen Rajkumar Inbanathan &  
Galileo Science Centre, Madurai

## 24<sup>th</sup> February

**Day 3— Theme: 75 Milestones from the world of  
Indian S&T.**

**Registration**

**09:00 a.m.**

**Invited Talk**

**10:00 a.m.**

**Dr. Ebenezer Chellasamy,**

Head, Kodaikanal Observatory,  
Indian Institute of Astrophysics, Kodaikanal,

**Tea Break**

**11:30 a.m.**

**Invited Talk**

**11:45 a.m.**

**Dr. P. Sundaresan,**

Senior Scientist,  
Aravind Medical Research Foundation

**Lunch**

**01:15 p.m.**

**Film Screening**

**02:15 p.m.**

**Tea Break**

**02:45 p.m.**

**Science Demonstration**

**03:00 p.m.**

Fold Scope by Mr. Pandiyarajan

**Science Exhibition**

**09:00 a.m.  
to  
04:00 p.m.**

## 25<sup>th</sup> February

**Day 4 — Theme: Swadeshi-Paramparik Vigyan &**

**Praudyogiki: Inventions and Innovations.**

**Registration**

**09:00 a.m.**

**Invited Talk**

**Dr. M. Muniyaraj,**

VCRC, Chennai

**10:00 a.m.**

**Tea Break**

**11:30 a.m.**

**Invited Talk**

**Dr. Selvakumar Nadesan,**

Founder & CEO, DSK Innosciences, Hosur

**11:45 a.m.**

**Lunch**

**01:15 p.m.**

**Film Screening**

**02:15 p.m.**

**Tea Break**

**02:45 p.m.**

**Online ZOOM Talk**

**03:00 p.m.**

**District Science Centre, Tirunelveli**

**Science Exhibition**

**09:00 a.m.  
to  
04:00 p.m.**

## 26<sup>th</sup> February

**Day 5 — Theme: Science Literature Fest to be organized  
by local centres.**

**Registration**

**09:00 a.m.**

**Inauguration of Science Books Expo**

**10:00 a.m.**

**Competitions**

**10:30 a.m.  
to  
04:00 p.m.**

**Tea Break**

**11:30 a.m.**

**Lunch**

**01:15 p.m.**

**Tea Break**

**02:45 p.m.**

## 27<sup>th</sup> February

**Day 6— Theme: The Road ahead for next 25 years of  
Indian S&T.**

**Registration**

**09:00 a.m.**

**Invited Talk**

**Shri. S. Muthuchezian**

SDSC, ISRO, Shriharikota

**10:00 a.m.**

**Tea Break**

**11:30 a.m.**

**Invited Talk**

**11:45 a.m.**

**Dr. Siva Subraminian,**

Rtd. Senior Scientist / Chief General, Manager  
ISRO, Trivandrum

**Lunch**

**01:15 p.m.**

**Film screening**

**02:15 p.m.**

**Tea Break**

**02:45 p.m.**

**Science Book Expo**

**09:00 a.m.  
to  
04:00 p.m.**

## 28<sup>th</sup> February

**Day 7 — Valedictory and Prize distribution .**

**Dr. Wilson Aruni,**

Vice - Chancellor I/C , Amity University, Mumbai

**02:00 p.m.**

**Live telecast of Valedictory from New Delhi**

**05:00 p.m.**

**Chairman**  
Dr. M. Davamani Christober

**Deputy Chairman**  
Dr. G. C. Abraham

**Finance Officer**  
Dr. C. Dorothy Sheela

**Co-Ordinator**  
Dr. K. John Adaikalasamy

**Deputy Co-Ordinator**  
Dr. S. Priyadharshini

### **Committee Members**

Dr. K. Gnanasekar  
Dr. S. Rajkumar Immanuel  
Dr. A. Joseph Thatheyus  
Dr. M. Beaula Ruby Kamalam  
Dr. E. Joy Sharmila  
Dr. J. Ebenezar Immanuel  
Dr. N. Rajkumar  
Dr. T. Angeline  
Dr. A. Amutha

Dr. J. Dhaveethu Raja  
Dr. C. Caleb Johnson Paranjothi  
Dr. M. Andrew Pradeep  
Dr. R. Jeyapandi  
Dr. T. Shylaja  
Mr. D. Gideon Premsingh  
Dr. A. Jancirani  
Dr. K. Nithya  
Dr. Shourini Banerjee  
Dr. G. Manivannan

### **Local Co-ordinating Committee**

Mr. Sathiyamanickam (Galileo Science Centre, Madurai )  
Mr. Pandiyarajan (Fold Scope, Madurai)  
Mr. M. Rajesh (President, Tamil Nadu Science Forum, Madurai)

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## **COORDINATING COMMITTEE**

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