



Organised by  
Department of Science, Technology & Waste Management,  
Government of Goa.

The Government of Goa vide Department of Science, Technology & Waste Management organized an event to honor the Hon'ble Ex-Chief Minister of the State of Goa, late. Shri. Manohar Parrikar. The event was held on 13<sup>th</sup> of December at the National Institute of Oceanography at Dona Paula.

### **Background:**

The State of Goa, hosted a three-day successful event on Nobel Prize series in the year 2018 in collaboration with the Nobel Foundation, Sweden, Sweden Embassy in India, and Department of Bio-technology (DBT), Govt. of India. Four Nobel Laureates namely Dr. Christianne Nusslein-Volhard, Dr. Searge Haroche, Dr. Tomas Lindahl and Dr. Richard J Roberts participated in the event and interacted through lectures, panel and round table discussion with wide range of stakeholders including students, researches, academicians, industry and general public.

As part of this, a one-month exhibition on Nobel Prize series was also organized by Nobel Media Sweden AB along with DBT and Department of Science and Technology (DST), Govt. of Goa at the Kala Academy, Panaji. Information panels and working modules on scientific inventions by Nobel Laureates as well the life and scientific contribution of Indian scientists were displayed. The Department of Education, Directorate of Higher Education, Goa University and various research and academic institution helped facilitate visitors to go through the exhibits. Daily special lectures on life of Indian Scientists was also organized as part of Exhibition. Around thirty thousand participants were benefitted.

The event was inaugurated by the then Chief Minister of Goa Late Shri. Manohar Parrikar, a scientific visionary who himself was a graduate from the Indian Institute of Technology (IIT), Mumbai. In his inaugural address, he opined that the Nobel Prize series is an excellent opportunity to meet and interact with

scientific luminaries across the globe and learn from them and their research inventions. He announced in his inaugural speech, that Nobel series would be an annual feature in Goa and his government would support organize the same.

Honoring his commitment, and taking his scientific vision forward, the Government of Goa, decided to organize a two-day scientific event to commemorate his birth anniversary on the 13<sup>th</sup> of December, 2019 under the banner ‘Manohar Parrikar Vidnyan Mahotsav’. The event was managed through the Department of Science and Technology.

Lecture Seminars and interactive sessions were held at four different location across the State on the 13<sup>th</sup> of December as part of enlightening school children across the State on Various Scientific topics:

- 1) Ravindra Bhavan, Margao
- 2) Govt. College of Arts & Commerce, Pernem
- 3) Ravindra Bhavan, Sanquelim
- 4) Govt. College of Arts, Science and Commerce, Quepem

The event was proudly supported by the following organisations:

- 1) Directorate of Higher Education
- 2) Directorate of Education
- 3) Directorate of Technical Education
- 4) Department of Information and Publicity
- 5) Department of Protocol
- 6) Goa State Pollution Control Board
- 7) Goa State Innovation Council
- 8) Goa Waste Management Corporation
- 9) Goa Tourism Development Corporation
- 10) Centre for Environment Education
- 11) Goa University
- 12) VIBHA
- 13) CEE-Goa

The following organizations were also appointed as the Technical advisors for the event:

- 1) CSIR-National Institute of Oceanography
- 2) Indian Institute of Technology, Goa
- 3) Birla Institute of Technology & Science, Pilani-Goa Campus
- 4) National Institute of Technology, Goa

Subsequently, The Government of Goa vide Department of Science, Technology & Waste Management organized the event in the year 2020, and in 2021, the Event was again organised on 13th of December by the Government of Goa vide Department of Science, Technology & Waste Management at the National Institute of Oceanography at Dona Paula. The event was streamed live across 7 other venues and also on Youtube and Facebook Live for the viewership of audience all across the State.





## Event Details:



The event was set into motion on 13<sup>th</sup> December 2021 with the inaugural session at 10:00 am in the Auditorium of the National Institute of Oceanography, Dona Paula. The Esteemed guests which included the then Hon'ble Minister for Science, Technology and Waste Management, Shri. Michael Lobo, then Chief Secretary of the State, Shri. Parimal Rai (IAS), Shri. Jose Manuel Noronha, Chairman Goa Public Service Commission & Chairman of the executive committee for the Manohar Parrikar Vidnyan Mahotsav, Secretary for Science, Technology and Waste Management, Shri. Tariq Thomas (IAS), Dr. Shekhar C. Mande, Director General, CSIR & Dr. Sunil Singh, Director NIO. arrived at the Venue and were warmly welcomed into the auditorium.

Then, Shri. Jose Manuel Noronha, Chairman Goa Public Service Commission and Goa State Innovation Council and also the Chairman of the executive committee extended his warm welcome to the Dignitaries on the Dais and

followed the welcoming of dignitaries with a brief address note about the Manohar Parrikar Vidnyan Mahotsav. He spoke about the Charismatic and visionary personality of late Shri. Manohar Parrikar, Hon'ble Ex-Chief Minister.



Shri. Jose Manuel Noronha, welcoming the dignitaries and the audience with a brief address note about the Manohar Parrikar Vidnyan Mahotsav 2021

He also elaborated on how Manohar Parrikar Vidnyan Mahotsav was envisaged and also briefly touched upon the previous editions of the Manohar Parrikar Vidnyan Mahotsav. He then requested to play a commemorative video on Late Shri. Manohar Parrikar.

The Dignitaries were then welcomed on to the Stage by Dr. Tariq Thomas and they assumed their respective places on the Dais which was promptly followed by a floral welcome.



Floral welcome of the dignitaries on the Dais.



Lighting of the Lamp at the auspicious hands of Shri. Michael Lobo, Hon'ble Minister of S&T&WM, in the presence of Shri. Parimal Rai (IAS), Shri. Jose Manuel Noronha, Shri. Tariq Thomas (IAS), Dr. Shekhar C. Mande, Prof. Ashutosh Sharma & Dr. Sunil Singh, Director NIO



Followed by the Lighting of the Lamp Ceremony at the auspicious hands of Hon'ble Minister for S&T&WM, Shri. Michael Lobo, in the presence of Chief Secretary, Shri. Parimal Rai (IAS), Shri. Jose Manuel Noronha, Shri. Tariq Thomas (IAS), Dr. Shekhar C. Mande, Prof. Ashutosh Sharma & Dr. Sunil Singh, Director NIO, to mark the auspicious beginning of the event in memory of the Hon'ble Ex-CM towards a bright and intelligent future of the State.

This was followed by a welcome address from Dr. Shekhar C. Mande, Director General, CSIR. Dr. Mande extended his warm welcome to all the dignitaries present at the Venue and also welcomed the audience and he also expressed his delight to celebrate the Life of late Shri. Manohar Parrikar through this Scientific event.



Dr. Shekhar C. Mande, Director General, CSIR delivering his welcome address.



The Hon'ble Minister for Science and Technology & Waste Management spoke of the various initiatives by the Department of Science and Technology & Waste Management and also of the great initiatives taken by the Hon'ble Ex-Chief Minister of the State of Goa, late. Shri. Manohar Parrikar.



The then Hon'ble Minister for Science, Technology and Waste Management, Shri. Michael Lobo delivering his welcome address

He expressed that the Department of Science and Technology & Waste Management has taken forward the scientific vision of late. Shri. Manohar Parrikar, by providing various schemes and initiatives to encourage young minds of the Country. He also updated the audience on the status of various present and upcoming waste treatment facilities in Goa. He also dwelled on the schemes of the Dept. Of Science & Technology and Waste Management on popularizing Science & Technology and Innovation.

The Hon'ble Chief Minister, Dr. Pramod Sawant then addressed the gathering with an online message in which he spoke about the dedication and greatness Hon'ble Ex-Chief Minister of the State of Goa, late. Shri. Manohar Parrikar and



Dr. Pramod Sawant, Hon'ble Chief Minister of Goa, delivering his welcome address in online mode.

stated some of the various initiatives taken by Mr. Parrikar such as setting up of the Integrated Solid Waste Management Facility at Saligao to tackle the major waste problem, building better road network and also envisaging and executing the Atal Setu boosting better traffic movement in the State with large number of Tourists, providing various grants to teachers, researchers and students alike to encourage exchange of scientific ideas and research being undertaken. On a closing note, he mentioned in that late Shri. Manohar Parrikar will always remain in the minds of the Goans. He then expressed gratitude to the organisers for taking this initiative to extend the Scientific Vision of late. Shri. Manohar Parrikar. He then concluded his address by appealing to the youth to take this learning

opportunity and further assist this State of Goa to become the Scientific Hub of the Nation.

The Dignitaries were then presented with a Memento as a token of Appreciation for their efforts.



Shri. Jose Manuel Noronha presenting a Memento to Dr. Shekhar Mande

The conclusion of the Inaugural event was marked by Shri. Jose Manuel Noronha presenting the Dignitaries at the Dais with a Memento.

Dr. Sunil Singh then commenced the Technical Section by welcoming the first Lecturer. Shri. Sujeet Kumar Dongre, Scientist F (CEE) assumed his role as the Moderator

The First Lecture was an online session by Prof. K. Kasturirangan, Former Chairman, ISRO. He addressed the gathering about Space - A promising Human Endeavour. Prof. K. Kasturirangan began by expressing his gratitude to the organizers of the event and also stated how this was an important event in

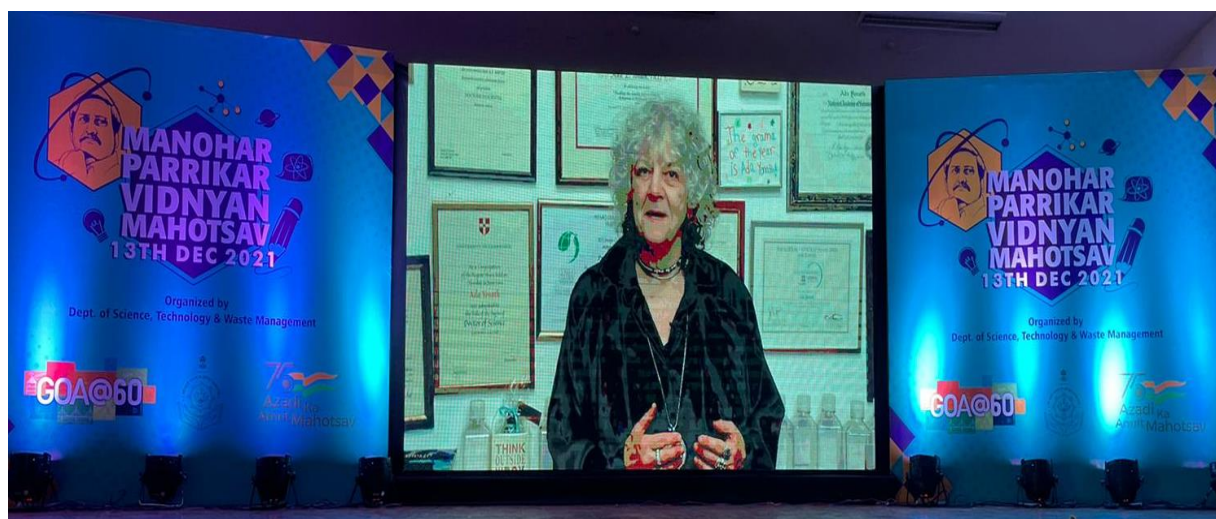
molding young minds by grasping their attention and with scientific events like so. He Then Explained the Various aspects of Space exploration and advancements of Science in the Field of Space Research.



Prof. K. Kasturirangan, Former Chairman, ISRO delivering a lecture on Space: A promising Human Endeavour.

Mr. Sujeet Kumar Dongre then relayed the questions from Students to the Guest Speaker during the Question and Answer (Q&A) session. The Q&A session concluded the first lecture. This was followed by the Second Online Lecture by Prof. Ada E. Yonath, Nobel Laureate in Chemistry.





Prof. Ada E. Yonath, Nobel Laureate in Chemistry delivering a lecture in online mode.

And the last lecture was by Prof. Ashutosh Sharma, Former Secretary, Department of Science and Technology, Govt. of India. He enlightened the gathering about preparing for the future; Science and Innovation in the new millennium.



Prof. Ashutosh Sharma, Former Secretary, Department of Science and Technology, Govt. of India delivering a lecture on preparing for the future; Science and Innovation in the new millennium.

He lastly thanked the Govt. of Goa and expressed gratitude to the organizing team for making him a part of this Scientific Event. This live session was then followed by a Question-and-Answer Session moderated by Mr. Sujeet Dongre.

Mr. Sujeet Dongre, then took to the podium and summarized the technical session recapping the three lectures and further expressed his gratitude to the speakers for taking time and effort to make this event successful. He then proceeded to thank the Hon'ble Chief Minister of the State, Dr. Pramod Sawant, the then Hon'ble Minister for Science, Technology and Waste Management, Shri. Michael Lobo and other dignitaries. He also thanked the Advisory Committee and the organizing team for fruitfully organizing this Event. The Vote of Thanx marked that successful conclusion of the Manohar Parrikar Vidnyan Mahotsav 2021 edition.

For Maximum Outreach this event was held live at National Institute of Oceanography in Dona Paula and further live streamed at 7 other locations across the State:

1. Don Bosco College of Engineering, Margao.
2. Goa Vidyaprasarak Mandal's College of Education and Higher Secondary College.
3. Government College of Arts, Science and Commerce, Quepem.
4. Government College of Arts and Commerce, Pernem.
5. Government Higher Secondary, Canacona.
6. Government College, Sanquelim.
7. Birla Institute of Technology and Science, Pilani, Zuarinagar.

Advisory Committee members were present at each venue to oversee and moderate the event at the respective Venue. The Advisory Committee members were present at the following venues:

| <b>Sr. No.</b> | <b>Name of the Venue</b>                                                       | <b>Advisory Committee members</b>                                                      |
|----------------|--------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| 01             | National Institute of Oceanography,<br>Dona Paula.                             | Mr. Jose Manuel Noronha, Chairman<br>GPSC<br>&<br>Dr. Sunil Sigh, Director, NIO Panaji |
|                |                                                                                | Dr. Levinson J. Martins                                                                |
|                |                                                                                | Mr. Sujeet Kumar Dongre                                                                |
| 02             | Don Bosco College of Engineering,<br>Margao.                                   | Dr. Gopal Mugeraya, Director NIT<br>Goa                                                |
| 03             | Goa Vidyaprasarak Mandal's, College of<br>Education & Higher Secondary College | Dr. B.K. Mishra, Director IIT and team                                                 |
| 04             | Government College of Arts, Science &<br>Commerce, Quepem                      | Dr. Vittal Tilve                                                                       |
| 05             | Government College of Arts and<br>Commerce, Pernem                             | Dr. Janardhanam, Goa University                                                        |
| 06             | Government Higher Secondary,<br>Cancona.                                       | Dr. Purnakala Samant                                                                   |
| 07             | Government College Sanquelim.                                                  | Dr. Janardhanam, Team Goa<br>University                                                |
| 08             | BITS, Pilani, Zuarinagar                                                       | Prof. Meenal Kowshik BITS                                                              |

The Event was also live streamed on Online Media Platforms such as Facebook and Youtube for online viewership for interested viewers across the State.

### Glimpses of the event at 7 Other venues:



Don Bosco College of Engineering, Margao





Goa Vidyaprasarak Mandal's College of Education and Higher Secondary College, Ponda.





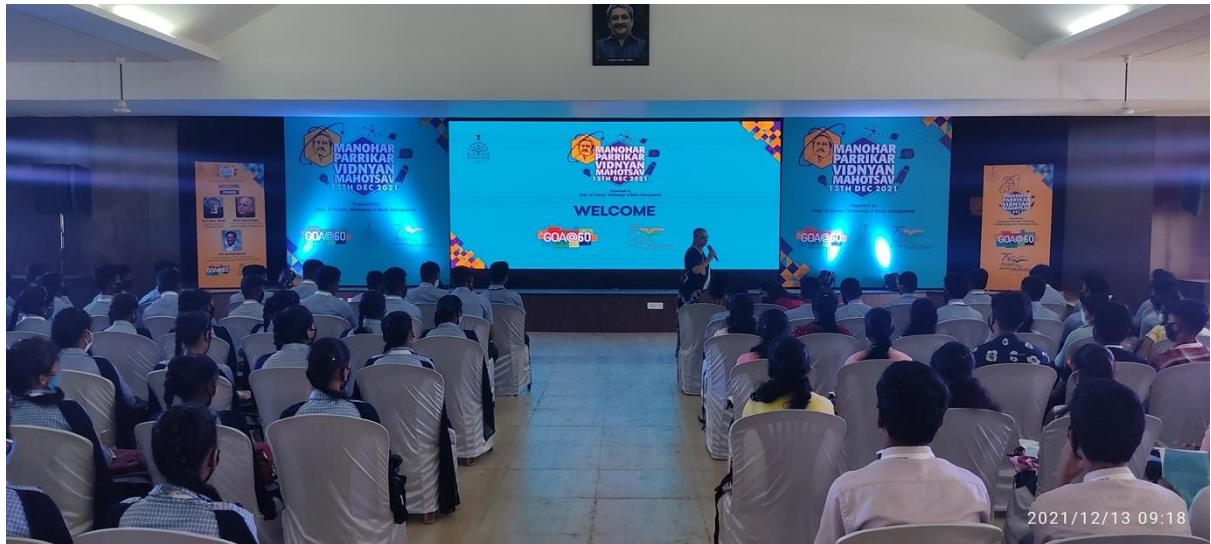
Government College of Arts, Science and Commerce, Quepem





Government College of Arts and Commerce, Pernem





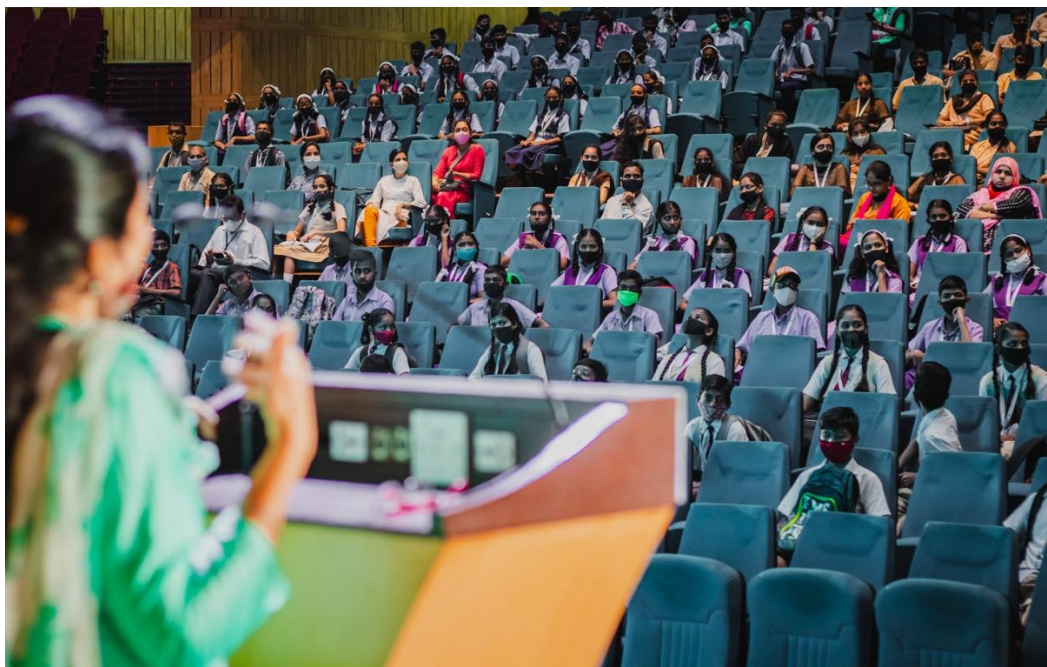
Government Higher Secondary, Canacona





Government College, Sanquelim





Birla Institute of Technology and Science, Pilani, Zuarinagar.



*Organising team at NIO, Dona Paula*

**Thank you**