

## **HEAM PARLIAMENT : INTER-SCHOOL DEBATE COMPETITION TO RAISE AWARENESS ON RENEWABLE AND SUSTAINABLE ENERGY MODELS**

The purpose of the HEAM Parliamentarian is to explore student scientist in the field of Hydrogen and to promote “**Hydrogen, Biofuels and other renewable energy sources based start-ups in India**” among younger generation. HEAM Parliamentarian has grown into such a stature that students from all over Kerala participate. It provides a rare platform for State, CBSE, as well as ICSE students from different schools to meet, exchange their ideas and to work in close collaboration with other scientific organizations. Interaction with the budding generation of the state to empower them with the knowledge to carry forward the historic transformation in the global energy scenario is an important mission of the programme. The workshop also provides a various opportunities in the field of renewable energy across the globe. We strongly believe that this programme will create mass awareness in exploring the possibilities of hydrogen, biofuels and other renewable energy start-ups and promoting industry based research through tutorials lectures, write ups and debate competition.

### **HEAM Parliamentarian 2018**

On 31<sup>st</sup> October 2018 Department of Chemistry, St. John’s College, Anchal hosted a school level debate competition HEAM Parliamentarian 2018 supported by Kerala State Start-Up Mission, Government of Kerala and Star College Scheme of DBT, Govt. of India. In this edition of HEAM Parliamentarian we organized the debate competition to create awareness regarding renewable energy start ups in India. The purpose of the HEAM Parliamentarian 2018 was to explore student scientist in the field of Hydrogen and other renewable energy and to create awareness regarding renewable energy start ups in India. The programmes of HEAM Parliamentarian 2018 began at 8 30 am with registration. The inaugural function started with welcome speech by Dr. Thomas Mathew, Head of the Department of Chemistry, St. John’s College, Anchal. The programme was inaugurated by Rev. Fr. Johnson G., Principal, St. John’s College, Anchal. Dr. K.N. Ninan, Former **Deputy Director and Outstanding Scientist, VSSC-ISRO**, Emeritus **Professor, Indian Institute of Space Technology (IIST)** delivered the keynote address highlighted the significance of renewable energy startups in the future energy programme. Dr. S. M. A. Shibli (President IAHEAM), Head of the Department of Chemistry, University of Kerala, Dr. Anoop Krishnan, Scientist, NCESS,

Trivandrum delivered beneficial talks about the necessity of bio fuels and renewable energy start-ups in India. Dr. S. M. A. Shibli also highlighted the significance of youngsters' role in the future energy programme. The inaugural session was concluded with vote of thanks by Prof. Simi Saju. After the tea break we had a tutorial session with Dr. K.N. Ninan, Former Deputy Director and Outstanding Scientist, VSSC-ISRO, Emeritus Professor, Indian Institute of Space Technology (IIST) on the topic "Introduction to Rocket Fuels and Mars mission project", there was an active participation from the student community. Then Dr. Anoop Krishnan (Scientist, NCESS, Trivandrum) delivered an invited talk on the topic "Water quality management". Then Dr. S.M.A. Shibli, Professor, Dept. Chemistry, University of Kerala delivered an invited talk on the topic "Current scenario of renewable energy researches with special reference to hydrogen". The debate competition was started at 11.00am. Dr. Anoop Krishnan, Scientist, NCESS, Trivandrum was the moderator. The panel of judges include Dr. Anoop Krishnan, Scientist, NCESS, Dr. S. M. A. Shibli, Professor, Dept. Chemistry, University of Kerala and Dr. Thomas Mathew, Head of the Department of Chemistry, St. John's College, Anchal. The competition consisted of two rounds in which all the thirteen teams performed well. The competition continued till 01.30pm. Results were announced by Dr. S. M. A. Shibli (President IAHEAM). Anandu M and Alfia M from Sarvodaya Vidyalaya, Trivandrum won the title of HEAM Parliamentarian 2018. Rev. Fr. Johnson G., Principal, St. John's College, Anchal distributed the prizes for the winners. We closed the ceremony with the national anthem at 01. 30 pm. Lunch was arranged at the college canteen.





## **HEAM Parliamentarian 2019**

On 16<sup>th</sup> October 2019 Department of Chemistry, St. John's College, Anchal hosted a school level debate competition HEAM Parliamentarian 2019 supported by Star College Scheme of DBT, Govt. of India. In this edition of HEAM Parliamentarian we organized the debate competition to create awareness regarding renewable energy start ups in India. The purpose of the HEAM Parliamentarian 2019 was to explore student scientist in the field of Hydrogen and other renewable energy and to create awareness regarding renewable energy start ups in India. The programmes of HEAM Parliamentarian 2019 began at 8 30 am with registration.

The inaugural function started with welcome speech by Dr. Thomas Mathew, Head of the Department of Chemistry, St. John's College, Anchal. The programme was inaugurated by Rev. Fr. Johnson G., Principal, St. John's College, Anchal. **Dr. K.G. Sreejalekshmi, Associate Professor, Indian Institute of Space Technology (IIST)** delivered the keynote address highlighted the significance of renewable energy start ups in the future energy programme. Dr. S. M. A. Shibli (President IAHEAM), Head of the Department of Chemistry, University of Kerala, Dr. K G. Sreejalekshmi, Associate Professor, Indian Institute of Space Technology (IIST) delivered, beneficial talk on "Smart Materials on Energy Applications". Dr. S. M. A. Shibli also highlighted the significance of youngsters' role in the future energy programme. The inaugural session was concluded with vote of thanks by Prof. Simi Saju. After the tea break, there was an invited talk by Mr. Ameen Sha, Research Scholar, University of Kerala, on the topic "Renewable Energy Start-ups in India". The debate competition was started at 11.00am. The panel of judges include **Dr. K G. Sreejalekshmi, Associate Professor, Indian Institute of Space Technology (IIST)**, Dr. S. M. A. Shibli, Professor, Dept. Chemistry, University of Kerala and Dr. Thomas Mathew, Head of the Department of Chemistry, St. John's College, Anchal. The competition consisted of two rounds in which all the thirteen teams performed well. The competition continued till 01.30pm. Results were announced by Dr. S. M. A. Shibli (President IAHEAM). Amrutha B. Ajayan and Bipina Gopika G., from Govt. H.S.S. Anchal West Won the title, the first runner up was Badra S. Jayan and Prathush P S from Alan Feldman Public School, Trivandrum. Rev. Fr. Johnson G., Principal, St. John's College, Anchal distributed the prizes for the winners. We closed the ceremony with the national anthem at 01. 30 pm. Lunch was arranged at the college canteen.

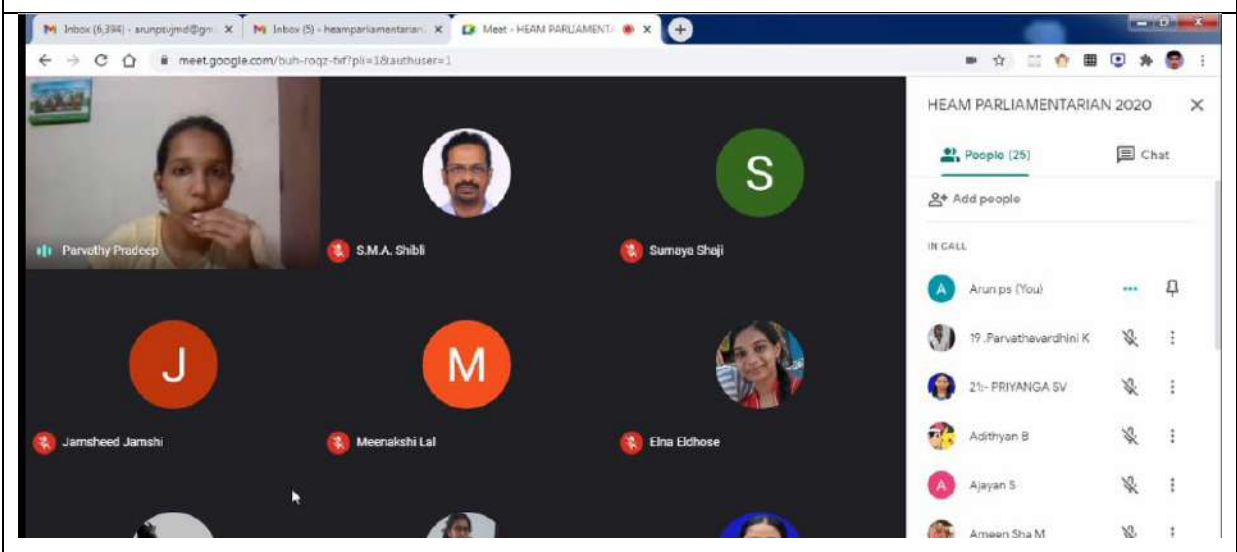
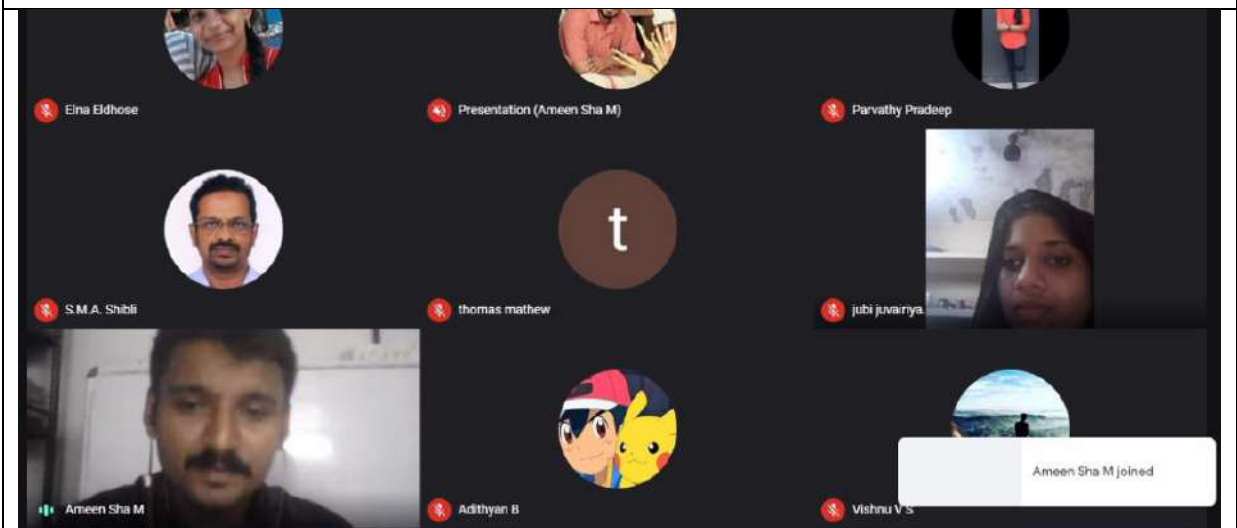
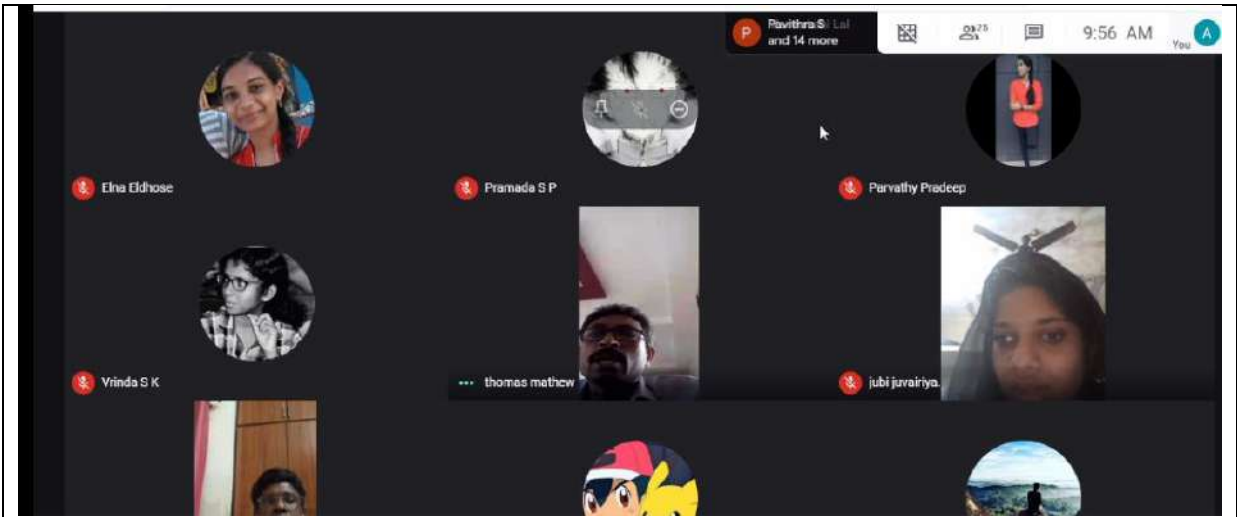






## **HEAM Parliamentarian 2020**

On 26<sup>th</sup> November 2020 Department of Chemistry, St. John's College, Anchal hosted a school level debate competition HEAM Parliamentarian 2020 in online mode. It was supported by DBT, Star –College Scheme, Government of India. In this edition of HEAM Parliamentarian 2020 we organized the debate competition to create awareness regarding renewable energy start ups in India. The purpose of the HEAM Parliamentarian 2020 was to explore student scientist in the field of Hydrogen and other renewable energy and to create awareness regarding renewable energy start ups in India. The programmes of HEAM Parliamentarian 2020 began at 8 30 am with registration. The inaugural function started with welcome speech by Dr. Thomas Mathew, Head of the Department of Chemistry, St. John's College, Anchal. The programme was inaugurated by Rev. Fr. Johnson G., Principal, St. John's College, Anchal. Prof. S. M. A. Shibli Director Centre for Renewable (President IAHEAM), Dean of Science, University of Kerala delivered the keynote address highlighted the significance of renewable energy start-ups in the future energy programme. He also delivered an invited talk during the workshop. Dr. Ameen Sha, HOD, MACE, Engineering College, Trivandrum delivered another invited talk about the necessity of biofuels and renewable energy start-ups in India. Dr. S. M. A. Shibli also highlighted the significance of youngsters' role in the future energy programme. The inaugural session was concluded with vote of thanks by Arun, P. S.(Convenor). The debate competition was started at 11.00am. Dr. Ameen Sha, was the moderator. The panel of judges include Dr. Liju Elias, Postdoc Fellow, Dept. Chemistry, University of Kerala , Dr. S. M. A. Shibli, Professor, Dept. Chemistry, University of Kerala and Dr. Thomas Mathew, Head of the Department of Chemistry, St. John's College, Anchal. The competition consisted of two rounds in which all the thirteen teams performed well. The competition continued till 12.30pm. Results were announced by Dr. S. M. A. Shibli (President IAHEAM). **Elenthendral and Samyuktha A, Indian Public School, Erode, Tamilnadu**, won the title of HEAM Parliamentarian 2020. **Vrinda S K and Parvathy P Nair Govt. H.S.S for Girls Cotton Hill** was the first runner up. We closed the ceremony with the national anthem at 12. 45 pm.





## HEAM Parliamentarian 2021

### HEAM Parliamentarian 2021

An online debate competition [exclusively for school students studying in XI or XII (State, CBSE and ICSE)] to create awareness about- **Necessity of Hydrogen, Biofuels and other Renewable Energy Sources Based Start-ups in Indian Scenario**

Date: **28/12/2021, Tuesday**

Online platform

**Google Meet**

Meeting link:

**[meet.google.com/pry-awfv-zvd](https://meet.google.com/pry-awfv-zvd)**

Organized by



Department of Chemistry,  
**Innovation & Start-up Club and Debate club,**  
**St. John's College, Anchal.**

*in association with*



Department of Chemistry  
**University of Kerala**

&



Indian Association for Hydrogen  
Energy and Advanced  
Materials (IAHEAM)

**Debate Topic: Necessity of Hydrogen, Biofuels and other Renewable Energy Sources Based Start-ups in Indian Scenario**

The interested students can register for the event by filling the Google form (Link: <https://forms.gle/qAkBoBmANAVFeFM8A>) on or before 22/12/2021. If any selected team is absent during the event, the team screened during the first round will be informed and provide the opportunity to directly take part in the debate.

In this programme, the selected students will debate on the given topic through *Google Meet* online platform. The participating students must speak exclusively on the **Debate Topic**. During the debate, students can also counter others non feasible/practically impossible/wrong ideas with appropriate justification. The winners of the debate will be finally adjudicated by the juries to select the HEAM Parliamentarian 2021. The team selected as **HEAM Parliamentarian 2021** title will be given a cash award of **Rs. 5000/-** and all the participants will get a participation certificate.

### HEAM Parliamentarian 2021

**Click the following link  
for Registration Form**

<https://forms.gle/qAkBoBmANAVFeFM8A>

#### Programme

09.00 : Introduction

09.10 : Invited Talk

09.40 : Students Parliament

12.50 : Summary and Distribution of Awards

#### **Please Note:**

Participants must send the photograph of their school identity card to the following Email Id:

[heamparliamentarian2020@gmail.com](mailto:heamparliamentarian2020@gmail.com)

- ❖ The participants must be from XI or XII (State, CBSE and ICSE) and the students from other classes will not be allowed to participate.
- ❖ One team of two students from one school.

Participating students must fill the Google form: <https://forms.gle/qAkBoBmANAVFeFM8A> Registration is only through Google form.

**Registration fee: There is no Registration fee**

#### Contacts:

[www.iaheam.org](http://www.iaheam.org)

Ph: 9995767819 (Lt. Dr. Arun P.S., Convener)

Ph: 9526987912 (Mr. A. Ananthkrishnan, student coordinator)

E-mail: [arunpsvmd@gmail.com](mailto:arunpsvmd@gmail.com)

#### **Organizing Committee**

Rev. Fr. Johnson G. (Principal, St. John's College)

Rev. Fr. Jinoy Mathew (Bursar, St. John's College)

Dr. S. M. A. Shibli (President, IAHEAM)

Dr. Thomas Mathew (HOD, Chemistry, St. John's College)

Lt. Dr. Arun, P. S. (Convener)

Ms. Simi Saju (Event Coordinator)

Dr. Jinu M John (Teachers Coordinator)

Dr. Ameen Sha (Event Manager)

Dr. Liju Elias ( Programme Manager)

Dr. Soumyamol U S (Asst. Prof, St. John's College)

Dr. Manoj S. (Asst. Prof, St. John's College)

Dr. Jyothish Kumar T (Asst. Prof, St. John's College)

Dr. Lekshmi V Kumar (Asst. Prof. St. John's College)

Mr. A. Ananthkrishnan (Student Coordinator)

#### **Theme Advisers**

Mr. M. Shaneeth (VSSC (ISRO) Trivandrum)

Dr. Bipin Kumar Gupta (NPL, New Delhi)

Dr. Bibin John (VSSC (ISRO) Trivandrum)

Mr. Jayakrishnan B (VSSC (ISRO) Trivandrum)



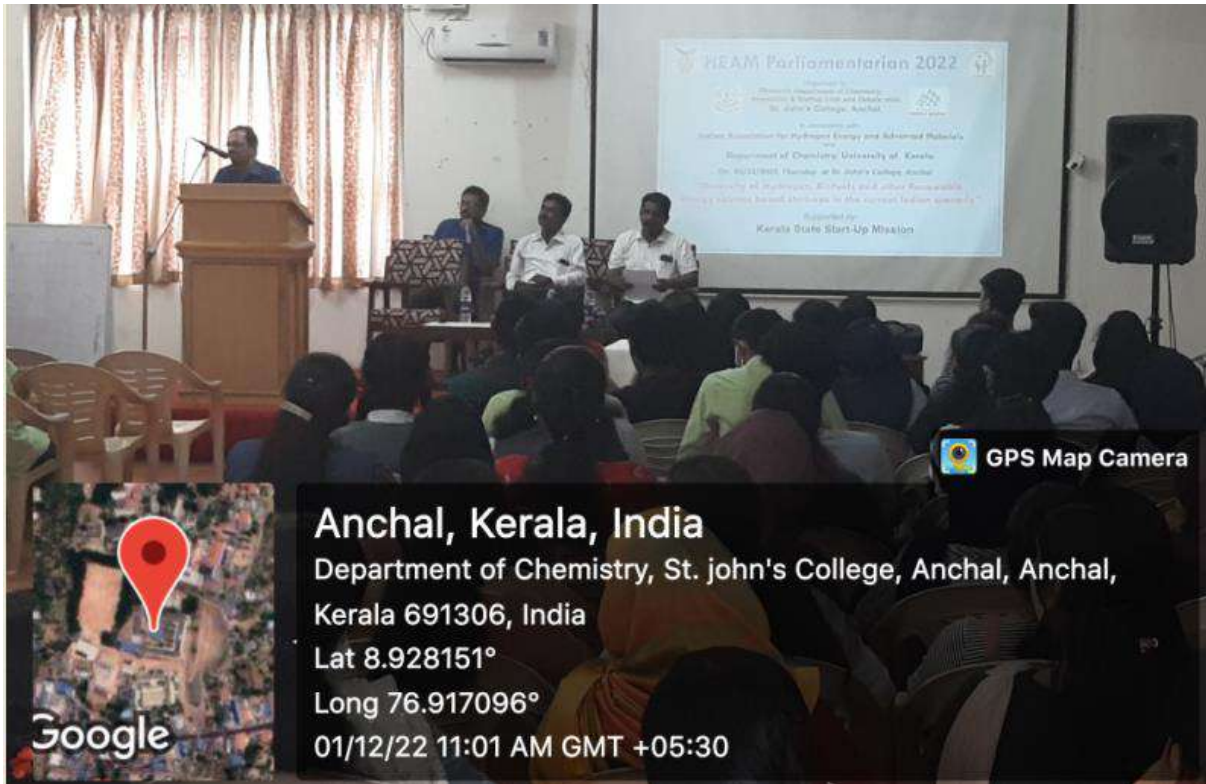
## **HEAM Parliamentarian 2022**

On 1<sup>st</sup> December 2022 Department of Chemistry, St. John's College, Anchal hosted a school level debate competition HEAM Parliamentarian 2022 supported by Kerala State Start-Up Mission, Government of Kerala. In this edition of HEAM Parliamentarian we organized the debate competition to create awareness regarding renewable energy start ups in India. The purpose of the HEAM Parliamentarian 2022 was to explore student scientist in the field of Hydrogen and other renewable energy and to create awareness regarding renewable energy start ups in India. The programmes of HEAM Parliamentarian 2022 began at 8 30 am with registration. The inaugural function started with welcome speech by Dr. Thomas Mathew, Head of the Department of Chemistry, St. John's College, Anchal. The programme was inaugurated by Dr. Cherian John, Principal, St. John's College, Anchal. Prof. S. M. A. Shibli Director Centre for Renewable (President IAHEAM), Dean of Science, University of Kerala delivered the keynote address highlighted the significance of renewable energy start-ups in the future energy programme. He also delivered an invited talk during the workshop. Dr. Anoop Krishnan, Scientist, NCESS, Trivandrum delivered another invited talk about the necessity of bio fuels and renewable energy start-ups in India. Dr. S. M. A. Shibli also highlighted the significance of youngsters' role in the future energy programme. The inaugural session was concluded with vote of thanks by Arun, P. S.(Convenor).The debate competition was started at 11.00am. Dr. Anoop Krishnan, Scientist, NCESS, Trivandrum was the moderator. The panel of judges include Dr. Anoop Krishnan, Scientist, NCESS, Dr. S. M. A. Shibli, Professor, Dept. of Chemistry, University of Kerala and Dr. Thomas Mathew, Head of the Department of Chemistry, St. John's College, Anchal. The competition consisted of two rounds in which all the thirteen teams performed well. The competition continued till 12.30pm. Results were announced by Dr. S. M. A. Shibli (President IAHEAM). Gouthami Gireesh and Rudra Jayachandran from St. John's School, Achal, Kollam won the title of HEAM Parliamentarian 2022. Diya Hansiya N N and Pavan S. From G.H.S.S. Pirappancode, Trivandrum was the first runner up. Dr. Cherian John, Principal, St. John's College, Anchal distributed the prizes for the winners. We closed the ceremony with the national anthem at 12. 45 pm.











Anchal, Kerala, India

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