

**SREE NARAYANA COLLEGE, KOLLAM**

**Department of Science and Technology, Golden Jubilee Commemoration**

**WEBINAR**

**ON**

**“STARTUP INNOVATIVES IN TRADITIONAL HIGHER EDUCATION SYSTEM”**

**Jointly Organized by**

**SCIENCE DEPARTMENTS OF SREE NARAYANA COLLEGE, KOLLAM**

**and**

**INDIAN SCIENCE CONGRESS ASSOCIATION: COCHIN CHAPTER**

30th November 2020

**REPORT**

**Organising Committee**

General Convener : Dr V L Pushpa, HOD, Department of Chemistry

Convener : Dr B T Sulekha , HOD, Department of Zoology

**Department Level Coordinators:**

Dr. Nisha A P, Department of Botany

Dr. Ambili S, Department of Biochemistry

Ms. Nimi Muraleedharan, Department of Biotechnology

Ms. Kuleena Das, Department of Mathematics

Ms. Rehna R, Department of Physics

2 of 2

For queries Contact  
Dr. B.T. Sulekha  
HOD, Department of Zoology  
8075856418  
sulekhabt@gmail.com

- Free Registration
- E-Certificate will be provided

Department of Science and Technology  
Golden Jubilee Commemoration



National Webinar  
on  
**Start-up Innovatives in  
Traditional Higher Education System**

Jointly organised by

SCIENCE DEPARTMENTS  
SREE NARAYANA COLLEGE, KOLLAM  
[Accredited by NAAC with 'A' Grade, Atal Ranking 'A' Band]



INDIAN SCIENCE CONGRESS ASSOCIATION  
Cochin Chapter

Registration link : <https://forms.gle/z3ubNHQGHsDYwdPF6>



30<sup>th</sup> November 2020



10 am to 1 pm



Sree Narayana College, Kollam

ORGANIZING COMMITTEE

General Convener : Dr. V.L.Pushpa, H.O.D., Department of Chemistry

Convener : Dr. B.T. Sulekha, HOD, Department of Zoology

Department Level Coordinators :

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Ms. Nimmi Muraliedharan, Department of Biotechnology

Ms. Kuleena Das, Dept of Mathematics

Ms. Rehna R, Department of Physics

PROGRAMME



Dr. R. Sunil Kumar  
Principal  
S.N.College, Kollam



Prof. Vijay Laxmi Saxena  
General President  
ISCA



Prof. A.K.Saxena  
Former General President  
ISCA



Prof. K.V. Jayachandran  
Convener  
ISCA Cochin Chapter



**Mr. Dipan Sahu**  
Assistant Innovation Director,  
Ministry of Education's Programme Innovation Cell  
AICTE New Delhi  
Talk on : "Innovation and Entrepreneurship  
in Non-Technical Institutions"

**Prof.(Dr) C.Mohankumar**  
Managing Director, SBR, KRIBS- BIONEST

Talk on : *Rewarding Challenges of Life Sciences  
in Biotech Industry*



**Dr. Amith K. De**  
Advisor & Former Executive Secretary ISCA  
Talk on : "Spices: Elixir of life"

- Prayer : Choir, S.N.College , Kollam
- Welcome : Prof. (Dr.) K.V. Jayachandran  
Convener, ISCA Cochin Chapter &  
Subject Expert , Kerala State Biodiversity Board
- Presidential Address : Dr. R. Sunil Kumar  
Principal , S.N.College , Kollam
- Inaugural Address : Prof. (Dr.) Vijay laxmi Saxena  
General President, ISCA
- Guest of Honour : Prof. (Dr.) A.K.Saxena  
Former General President, ISCA
- Keynote Address : Mr. Dipan Sahu  
Assistant Innovation Director,  
Ministry of Education's Programme Innovation Cell  
AICTE New Delhi
- Invited Talks : Prof. (Dr.) Mohan Kumar  
Managing Director, SBR, KRIBS- BIONEST
- Dr. Amith K. De  
Advisor & Former Executive Secretary ISCA
- Vote of Thanks : Dr. V.L.Pushpa  
General Convener

Program link : <https://meet.google.com/jjq-czbf-hkh>  
<https://youtu.be/14iQn6BqYU>

NB : 250 participants can join through google meet link and those who are registering late may use the youtube link of Sree Narayana College, Kollam

## **National webinar on “Start-up Innovatives in Traditional Higher Education System”**

Department of Science and Technology, Govt. of India was established in 1971 for promoting new areas of science and technology and they have been organising, coordinating and promoting science and technology activities in the country. As part of the golden jubilee commemoration of Department of science and technology a national webinar on the topic “**Startup Innovatives in Traditional Higher Education System**” was jointly organised by the science departments of Sree Narayana College Kollam and the Indian Science Congress Association: cochin chapter on 30th November 2020.

### **Relevance of the topic**

Start-up is a newly emerged business venture that aims to develop a viable business model to meet a marketplace, need or problem. It refers to new businesses that intend to grow beyond the solo founder, have employees, and intend to grow large (job creating). This can contribute to National Development by meeting the needs of the society and industry, empowering weaker and underprivileged sections, and to build the economy of the country.

Now a days one of most relevant problems faced by the students of Arts and Science colleges across the country is that, there are no avenues available for them at present to begin with start-up initiatives. It is true to the case of SN college students also. This webinar is intended to eradicate such impediments and provide them with ample opportunities to come up.

Our esteemed institution Sree Narayana College, Kollam, is a renowned Arts and Science College, in Kerala having NAAC re-accredited with ‘A’ Grade and ATAL Ranking in ‘A Band’. We are looking forward to initiate start-up programmes in our college with great enthusiasm.

We have 8 Science Departments out of 22 Disciplines. All are enthusiastic to begin suitable start-ups, but we are lacking proper idea and guidelines on it. Hence, we thought of using this as an opportunity to express our concerns and find solutions for the above problems through this programme.

Keeping this in mind, the Department of Science & Technology (DST) is promoting schemes to support research and entrepreneurial skills among youth through various programmes that will help explore uncharted territories of science and technology.

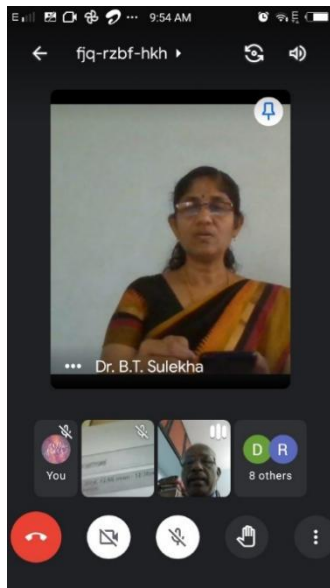
Start-up India is an action plan to develop an ecosystem to promote and nurture entrepreneurship across the country. It is working towards innovation, development, deployment and commercialisation of new products, processes or services driven by technology or intellectual property. To achieve this goal, we have to find out and ignite the industrious young minds and bring up them to lime light.

On the occasion of Golden Jubilee Celebrations of DST it gathers great importance to club with both the DST & start-up schemes. As it is a newly introduced initiative in Arts & Science Colleges other than technical institutions there exist many doubts and confusions over the successful implementation of start-ups. This webinar intended to eliminate the above doubts and to attain a clear-cut idea over this.

**Programme – 30-11-2020, 10 am**

### **Introduction**

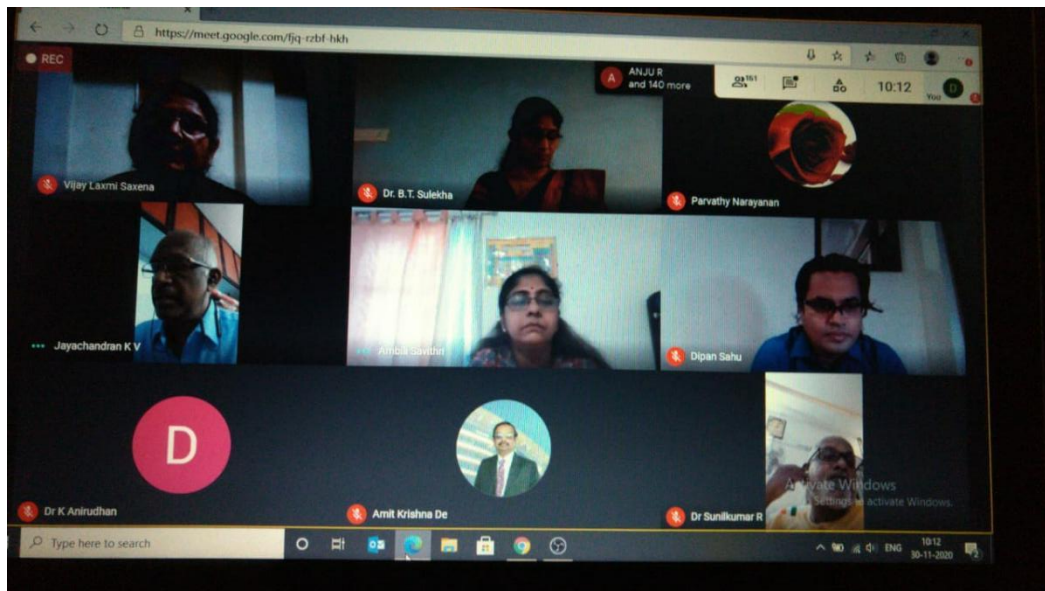
Introduction of the programme was done by the Dr B T Sulekha, HOD, Department of Zoology (Convener of the programme). She pointed out the importance of this webinar.



Introductory Speech – Dr B T Sulekha

### Prayer

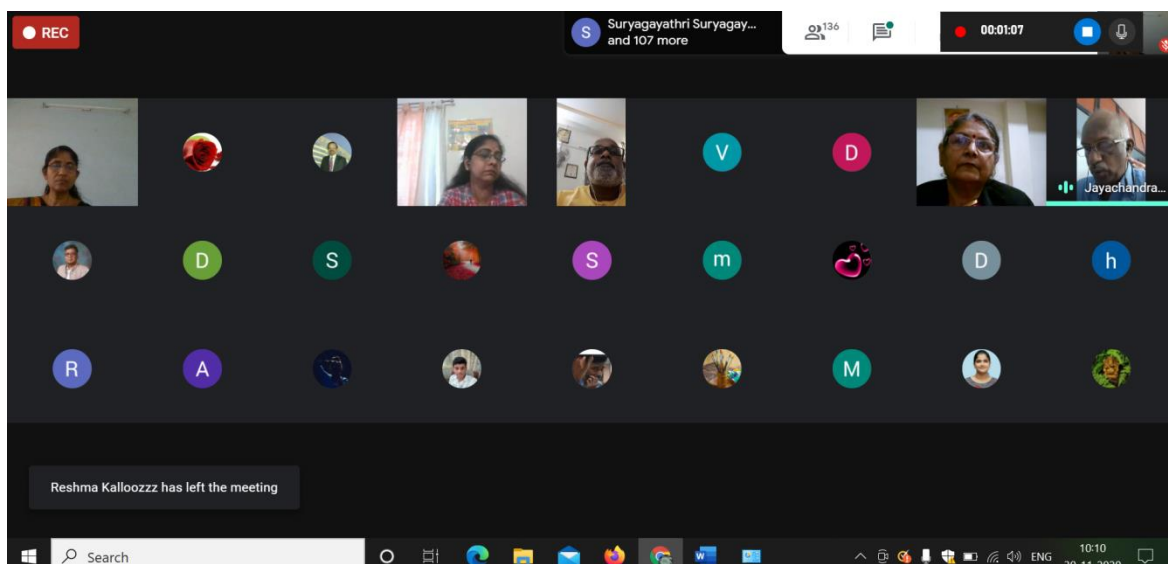
The programme was started by a prayer song- Daivadasakam – which was compiled by the Father of Kerala Renaissance, Sree Narayana Guru, the greatest social reformer and poet of Kerala, rendered by Mrs Parvathy Narayanan, Research scholar, Dept. of Zoology.



Prayer – Mrs Parvathy Narayanan

### Welcome speech

(Dr) K V Jayachandran, Convener, Indian science Congress Association, Cochin chapter and Subject Expert, Kerala State biodiversity board delivered a warm welcome speech.



Welcome Speech – Dr K V Jayachandran

### **Presidential address.**

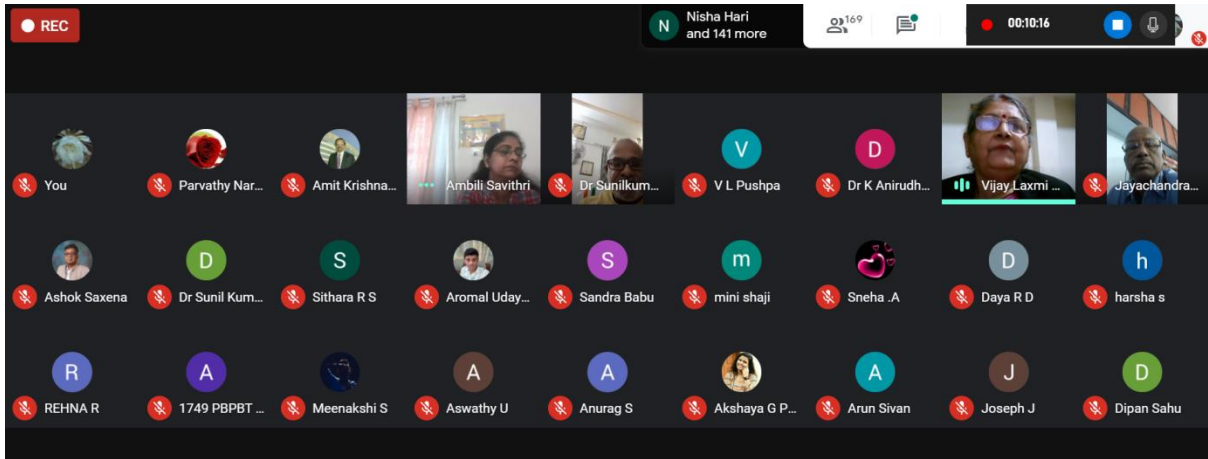
Dr Sunil Kumar Principal, Sree Narayana College, Kollam addressed the participants expressing his interest and importance of start-ups in Arts and Science College, especially Sree Narayana College, Kollam.



Presidential Address – Dr R Sunil Kumar

### **Inauguration and Inaugural address**

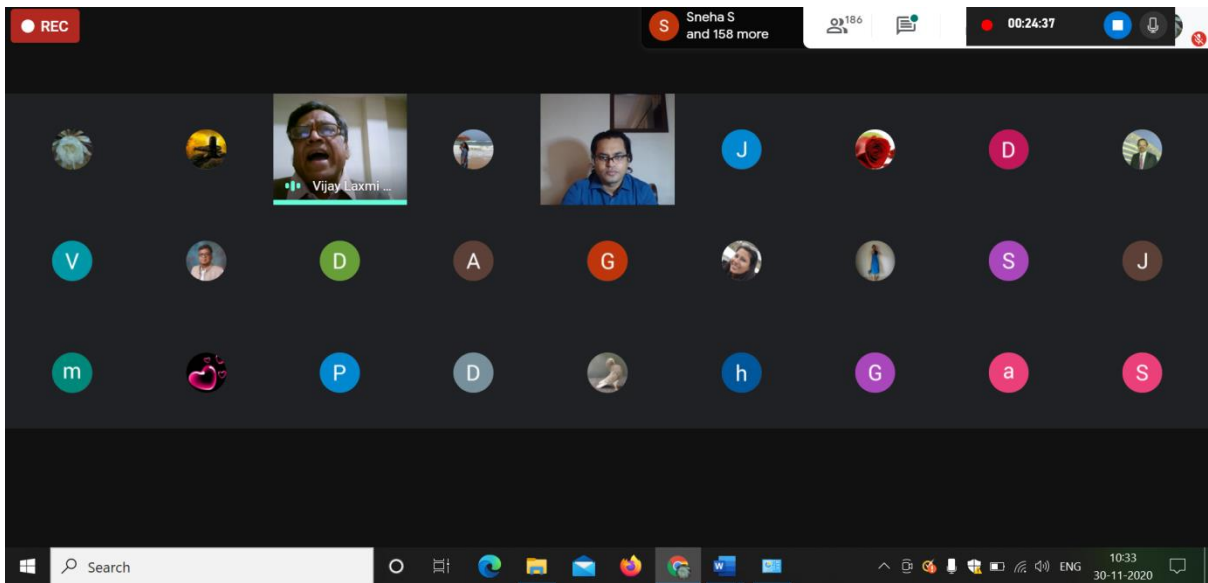
The webinar was officially inaugurated by Professor (Dr) Vijay laxmi Saxena, General President Indian science Congress Association followed by the inaugural address. The address was inspiring and stated the vast possibilities of start-ups in arts and science colleges.



Inaugural Address – Prof (Dr) Vijay laxmi Saxena

### Guest of honour

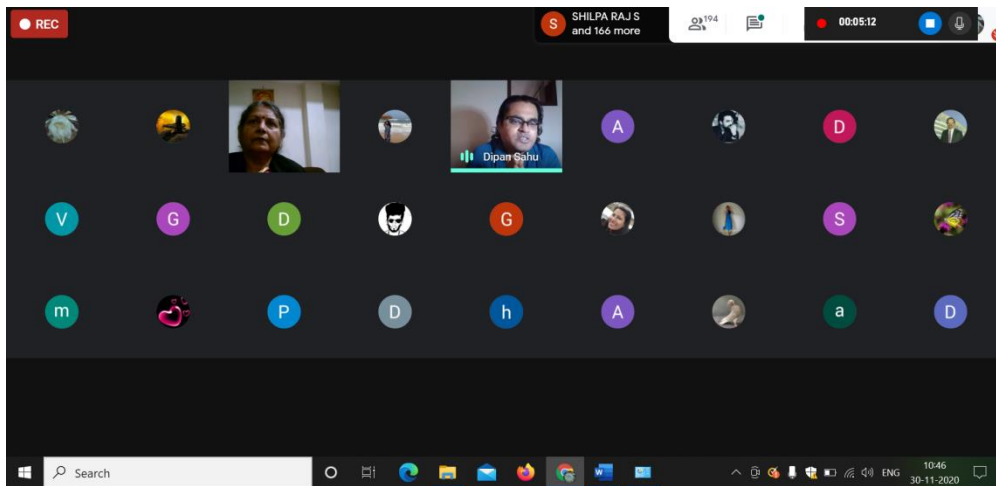
Professor Dr A.K. Saxena Former General President, Indian Science Congress Association delivered the speech.



Guest of Honour – Prof (Dr) A K Saxena

### Keynote address

Mr Dipan Sahu, Assistant Innovation Director, Ministry of Education’s Programme Innovation Cell, AICTE, New Delhi gave the key-note address and he spoke on the topic “Innovation and Entrepreneurship in non-technical institutions. He focussed on the possibilities of start-ups in the nontechnical institutions and triggered the thought process for venturing start-ups and becoming job creators. He clearly talked about all the aspects which have to be looked into for venturing start-ups.

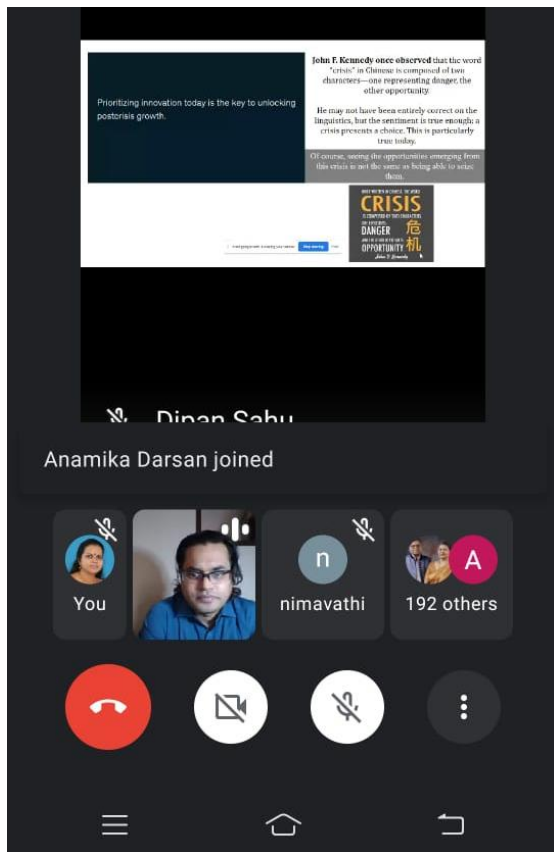


Key-note Address – Mr Dipan Sahu



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Key-note Address – Mr Dipan Sahu

### **We had two invited talks for the webinar**

#### **Invited Talk - Prof. (Dr) C. Mohan Kumar**

Prof. (Dr) C. Mohan Kumar Managing Director SBR, KRIBS-BIONEST talked on “Rewarding challenges of life sciences in Biotech Industry”. He elaborated on the importance of connecting the discussions in classroom to day to day life and to trigger the students to explore the possibilities of start-ups in a particular field, which is very important to bring out the real outcome of teaching and learning. He also showcased the scope of start-ups with very simple examples which are relevant to the state of Kerala.

REC D Dr Sunil Kumar R principal is presenting Fatima Masaf and 36 more 1:11 PM

### Multidimensional properties of Lactoferrin

00:32:53

You, Ambili Savitri, Mohan Kumar, Jaysachandran K V, P, D, P, Dr Sunil Kumar R..., P, M, Preetha PS, Mahima VK

Invited Talk - Prof. (Dr) C. Mohan Kumar

REC D Dr Sunil Kumar R principal is presenting Meeting details (66) 00:20:09

### Nutritional Value of Coconut Neera, the natural health drink

Food Energy	- 74.86 K.cal/100 ml
Protein	- 0.28 %
Carbohydrates	- 17.18 %
Fat	- 0.18 %
Total Minerals	- 0.3 %
Aminoacids	- 0.25%
Vitamins (Vit A, B2, B3, B6 & C)	- 0.08%
Glycemic Index	- Less than 50

Meeting details

Jayasweta Rao 11:28 AM  
Thank you Christopher for joining. Welcome

Ambili Savitri 11:37 AM  
after the talk u can have an interactive session u can ask questions directly or put in chat box

Ambili Savitri 11:50 AM  
Dipan sir...hope u can conclude soon as other speakers are waiting

ATHIRA S R. 12:05 PM  
grand permission for the entire screen sir

Ambili Savitri 12:32 PM  
dipan sahu@iacte-india.org  
Contact dipan sir using this email

Ambili Savitri 12:52 PM  
Please fill the Feedback form for your certificate  
<https://forms.gle/krst2Spqj49kcp28>

Send a message to everyone

1707\_pbpbt\_Thanuasi S has left the meeting

You, Ambili Savitri, Mohan Kumar, Jaysachandran..., P, D, Dr Sunil Kumar...

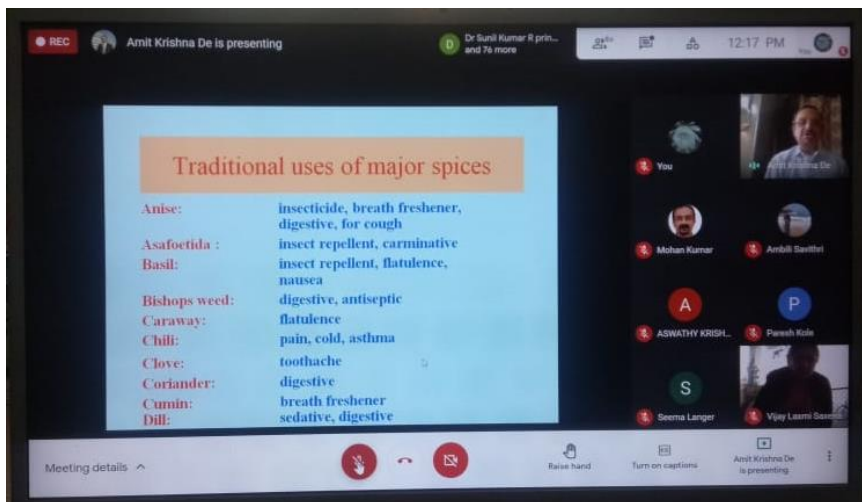
Invited Talk - Prof. (Dr) C. Mohan Kumar



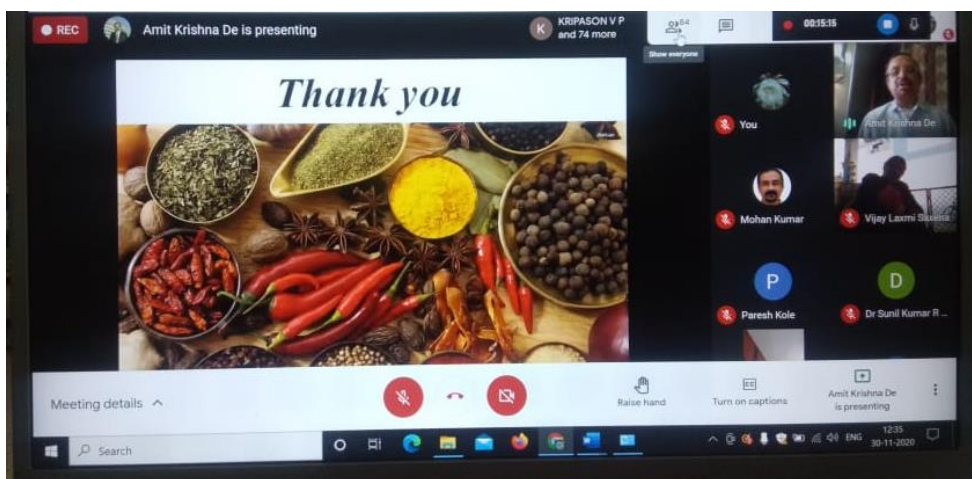
Invited Talk - Prof. (Dr) C. Mohan Kumar

### Invited Talk - Dr Amit K. De

Dr Amit K. De, Adviser Former Executive Secretary Indian Science Congress Association spoke on “Spices: Elixir of life.” Which gave insights into the medicinal value of spices, the secondary metabolites present in it and the immense scope of start-ups in that field.



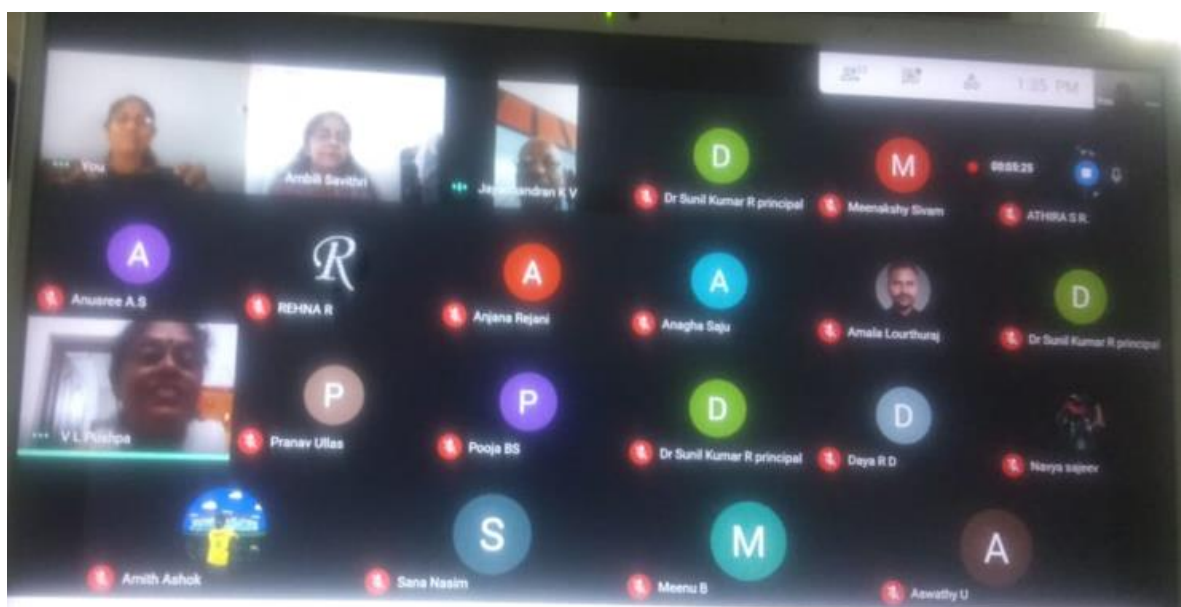
Invited Talk - Dr Amit K. De



Invited Talk - Dr Amit K. De

### **Vote of thanks**

Dr V L Pushpa, HOD, Department of Chemistry expressed vote of thanks to all the participants.



Vote-of-Thanks – Dr V L Pushpa

### **Conclusion**

This webinar emphasized on the importance and scope of start-ups in all areas including nontechnical and even nonscience area, how to build confidence and hands on skill in students for a venture in start-up.

Even though these kinds of programs may not be helpful to all students the most entrepreneurial students will find such programs very valuable. The most entrepreneurial students are students which have the highest potential to rise in future. The countries of the world need such students for creating future jobs. Therefore, this webinar was a grand success with almost 200 participants across the country.

