

**NATIONAL WEBINAR ON**  
**“VACCINES AND DRUGS-SAVIOUR OF HUMANITY FROM**  
**INVISIBLE FOES - A TIME LINE”**

**DATE: 13-06-2020**

Department of chemistry (UG) had organized a National Webinar on “**VACCINES AND DRUGS-SAVIOUR OF HUMANITY FROM INVISIBLE FOES - A TIMELINE**” in collaboration with Royal Society of Chemistry-London dated 13-06-2020.

Invited speakers: -

1. Dr G.Sistla Ramakrishna, Senior Principal Scientist, Department of Applied Biology, CSIR-IICT, Hyderabad.

2. Dr. G.Chandraiah, Assistant professor, Department of Regular Toxicity, NIPER Hyderabad.  
Webinar chairperson Dr J.Nageshwara Rao-Principal, KMICS,

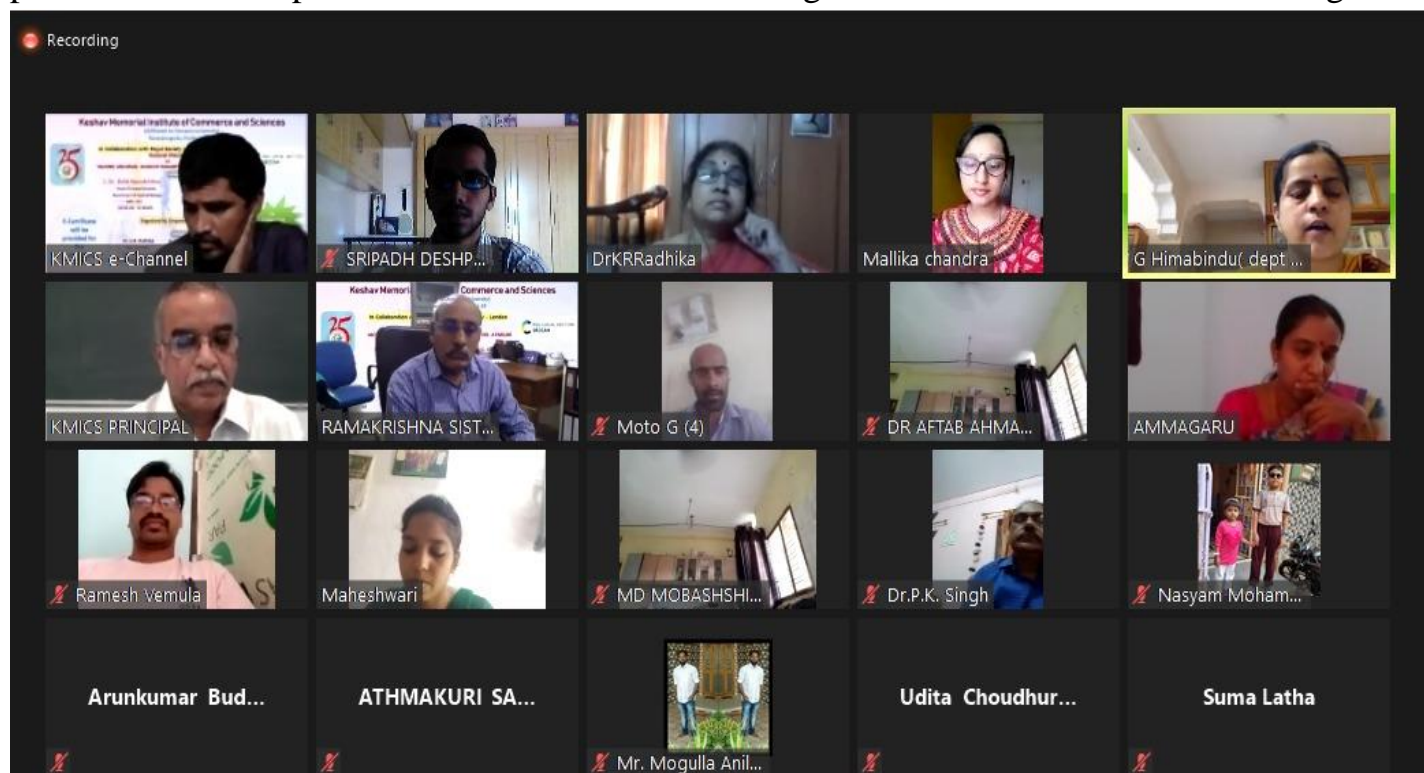
Convenors: G.Himabindhu, Head Department of Chemistry (UG),

Dr.K.P Radhika, Hon. Secretary Royal Society of Chemistry,  
Local section-Deccan HYD.

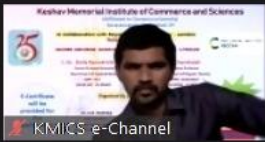
Coordinators: K.Gayathri, Department of chemistry

A.Maheshwari, Department of Chemistry

300 participants of students, faculty and research scholars were involved in this webinar. In the pandemic COVID period this Webinar was useful to get awareness on Vaccines and drugs.



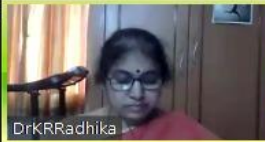
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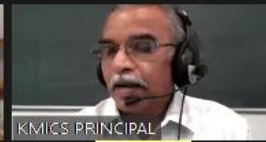
SRIPADH DESHP...



DrKRRadhika



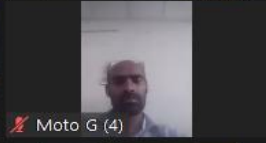
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RAMAKRISHNA SIST...



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Ramesh Vemula



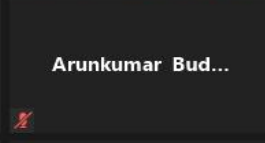
Maheshwari



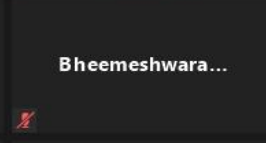
MD MOBASHSHI...



Dr.P.K. Singh



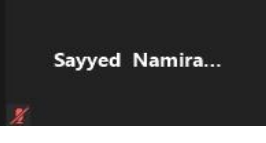
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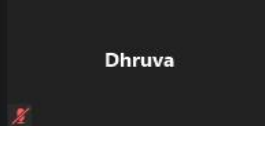
Bheemeshwara...



Raghu Nandan



Sayyed Namira...



Dhruva



Nasyam Moham...



ATHMAKURI SA...

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Ramesh Vemula



Maheshwari



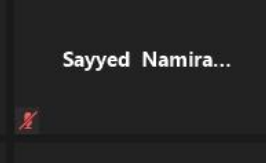
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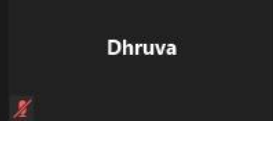
Dr.P.K. Singh



Raghu Nandan



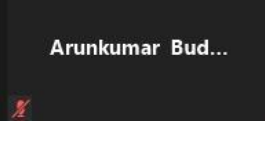
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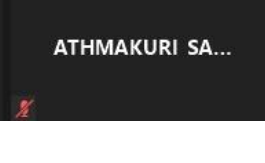
Dhruva



Nasyam Moham...



Arunkumar Bud...



ATHMAKURI SA...



Udita Choudhur...



# NATIONAL WEBINAR ON “MATERIAL SCIENCE AND ITS APPLICATIONS”

DATE: 28-05-2021

Department of chemistry (UG) had organized a National Webinar titled “**MATERIAL SCIENCE AND ITS APPLICATIONS**” on 28<sup>th</sup> May 2021.

Invited speakers: - Dr. Tata Narasinga Rao, Associate Director, ARCI.

Webinar chairperson Prof. K. Someshwer Rao-Principal, KMICS.

Convenors: G.Himabindhu, Head Department of Chemistry (UG).

Coordinators: K.Gayathri, Department of chemistry,

R. Veeresham, Department of chemistry.

200 participants of students, faculty and research scholars were involved in this webinar. Dr J.Nageshwara Rao, Director, KMES, had grazed this event and gave his valuable thoughts about the webinar. The webinar was very informative and gave awareness to the students about the science of nano structured materials and it's applications.

**KESHAV MEMORIAL INSTITUTE OF COMMERCE AND SCIENCES**  
(Affiliated to Osmania University) Narayanaguda, Hyderabad, 500029.

Department of Chemistry is organizing a  
**NATIONAL WEBINAR ON**  
**MATERIAL SCIENCE AND IT'S APPLICATIONS**  
Date: 29-05-2021 Time: 11:00 am - 1:00 pm

**Resource Person**  
**Dr. Tata Narasinga Rao**  
Scientist 'G', Associate Director,  
International Advanced Research Centre for  
Powder Metallurgy and New Materials (ARCI),  
Balapur, Hyderabad.

**Click here to Register**

**WEBINAR LINK**  
<https://join.freeconferencecall.com/kmicswebinars>

**G. Himabindu**  
Convenor,  
Head, Department of Chemistry

**Prof. K. Someshwer Rao**  
Principal

**Program Co-ordinators**  
**K. Gayathri**  
**R. Veeresham**

e-Certificate will be provided for the Participants

FreeConferenceCall

Sri Yukta Maffa + sriyukta2003@gmail.com

N Gopi + narisetgopi000@gmail.com

Paraka Nandini + nandinisera@gmail.com

Rohan +

D.NIKHILA REDDY + nichilereddy1605@gmail.com

G.SINDHU BHAVANI + gsindhubhavan@gmail.com

G himabindu + bindugh@gmail.com

Anesela Reddy +

Samiya Yosra + samiyeyosra786@gmail.com

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Tata Narasinga Rao + tatn@arci.ac

G Himabindu +

Deepika English + deepikenglish@gmail.com

Tata Narasinga Rao (roa... + tatn@arci.ac

Up scaling of product  
10 x 10 cm sheet 1 foot x 3 m sheet

Making product best in the World  
Specially developed best set up as per ASTM G355

Target Applications  
Industrial Strategic Appliances

Cross section view of test pipe

Features:  
• Superior thermal insulation  
• Flexible  
• Stable upto 800 °C  
• Light weight: 0.2 g/cc  
• Fire chemical resistant  
• Non-corrosive  
• Easy to cut  
• Patented process

Know New Transfer successful experience  
Commercial product expected Tata Narasinga Rao's easy efficient

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### Thermal Conductivity Aerogel

- Thermal Conductivity = Solid Conductivity + Gaseous Conductivity + Radiative Transmission

3-D network with a lot of dead ends

Elemental carbon can help absorb infrared radiation

Mean free path of gas > pore diameter

Reduce pressure to lengthen mean free path  
 $k = 0.009 \text{ W/mK at } -40 \text{ torr}$

Thermal Conductivity vs. Pressure

Tata Narasinga Rao's screen

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Attendees (140)

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+ Invite participants

G Himabindu [muted] [@himabindu@rediffmail.com](#)

Deepika English [muted] [@deepikaengdept@gmail.com](#)

Dr J Nagaswara R... [@nagaswara@rediffmail.com](#)

G Himabindu [muted]

Kasurkuthi gayathri... [@gayathri006@gmail.com](#)

Sri Deepika [@srideepikale200@gmail.com](#)

Tata Narasinga Rao... [@tatnarsing@rediffmail.com](#)

Tata Narasinga Rao [muted]

All Active speakers

# Hydrogen Flame

no particles

Water

Tata Narasinga Rao's screen

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K.Sania + Nutan Rasane + Shanti kala + shantiparabala@gmail.com Suma Sri C + cas4201@gmail.com

Vesanthi K + Deepika English + deepikaengdept@gmail.com T.Mounika + mounikaam102@gmail.com Didigm Stepa + stepa@didigm.com

Sri Yukta Mitta + sriyukta2003@gmail.com N Gopi + nrgop19000@gmail.com Paraka Nandini + nandiniparaka@gmail.com Rohan + D NIKHILA REDDY + nikhilreddy1608@gmail.com

G.SINDHU BRAVANI + g.sindhubravani@gmail.com G himabindu + himabindu@gmail.com Anesha Reddy + Somiya Toora + somiyatoora70@gmail.com P.Preeti + ppreethi@rediffmail.com

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