

જા.નં. મા-૨/૨૦૨૬/૧૬૫૧

તા. ૨૧/૦૧/૨૦૨૬
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પ્રતિ,
આચાર્યશ્રી,
માધ્યમિક અને ઉચ્ચતર માધ્યમિક શાળાઓ તમામ
જિ.સુરત.

આ સાથે સામેલ પરીપત્રને ધ્યાને લઈ ઓનલાઇન NCERT's Webinar Series: Listening to Learn ના યુ-ટ્યુબ સેશનમાં જોડાવા જણાવવામાં આવે છે. Webinar માં જોડાનાર તમામને પાર્ટીશીપેશન સર્ટીફિકેટ આપવામાં આવશે. જે ધ્યાને લઈ સ્વૈચ્છાએ જોડાવા તમામ શાળાઓને જણાવવામાં આવે છે.

બિડાણ: ઉક્ત પત્રની નકલ


જિલ્લા શિક્ષણાધિકારી
સુરત, જિલ્લો-સુરત

Fwd: NCERT's Webinar Series: Listening to Learn, Session - 121, Friday, January 16, 2026; Carbon Dioxide Storage: How the Subsurface can help Fight Climate Change

Mukesh Kumar IAS (GoG-Education Dept.) <secedu-pri@gujarat.gov.in>

Thu 1/15/2026 1:03 PM

Shri J. Ramar (GoG-Education Dept.) <ds-sec-edu@gujarat.gov.in>; Shri P.K. Trivedi (GoG-Education Dept.) <director-gcert@gujarat.gov.in>; chairman-gseb <chairman-gseb@gujarat.gov.in>; P. R. RAJIA (GoG-Education Dept.) <dir-cos-edu@gujarat.gov.in>;

Respected Sir/ Mam

"For your kind perusal and necessary action"

Regards,

PA to Principal Secretary (Primary & Secondary)

Education Department,

Block No.5/8th Floor,

New Sachivalaya,

Gandhinagar-382011.

ગુ.મા. અને ઉ.મા. શિ. ઓફ

ગાંધીનગર

શાખા.....

15 JAN 2026

સહી.....

ઇલેક્ટ્રોનિક્સ ઓફિસ.....

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Dear Colleague:

Sadar Pranaam and Greetings of the day.

Below are the details of our hundred and twenty-first (121) session of the NCERT's Webinar Series on multiple PM eVidya TV Channels and on YouTube Channel NCERT OFFICIAL.

Full Hindi 16JAN.jpeg Full English 16JAN.jpeg

Participation Certificates will be issued to those who join the session LIVE through YouTube.

Department of Education in Science and Mathematics
National Council of Educational Research and Training
Webinar Series: Listening to Learn
(Session - 121)

Carbon Dioxide Storage: How the Subsurface can help Fight Climate Change

Dr. Mayur Pal
Department of Mathematical Modelling
Kaunas University of Technology, Lithuania

Telecast on PM eVidya Channels #9, #10, #11, and #12

Friday, January 16, 2026; 10:00 - 11:00 AM (IST)
image.png

Watch us on YouTube Live at NCERT OFFICIAL
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Details about all the sessions of the NCERT's Webinar Series: Listening to Learn in this series can be seen at

<https://youtube.com/playlist?list=PLUgLcpnv1YifsVIYiNabEBF7vPg9YdEnm>

Participation Certificates will be issued to those who join the session LIVE through YouTube.

About the Talk:

Rising carbon dioxide (CO₂) emissions are one of the main drivers of climate change. While renewable energy and energy efficiency are essential for reducing future emissions, they alone may not be sufficient to meet global climate targets. Carbon dioxide storage offers a complementary solution by safely storing CO₂ deep underground in geological formations.

This talk introduces the fundamental principles of CO₂ storage in the subsurface, explaining where CO₂ can be stored, how it is trapped over long timescales, and what makes a storage site safe and effective. Key geological, physical, and chemical processes governing CO₂ behaviour underground will be discussed, along with real-world examples from existing storage projects. The lecture will also address potential risks, monitoring strategies, and the role of CO₂ storage in achieving a low-carbon and net-zero energy future.

About the Speaker:

Dr. Mayur Pal is presently a Professor of GeoEnergy Research at Kaunas University of Technology (KTU) in the Department of Mathematical Modelling. He completed his Bachelor's degree in civil engineering from the Indian Institute of Technology, Roorkee; Master's and Licentiate Thesis from the KTH Royal Institute of Technology, Stockholm, Sweden. He earned his Doctorate in Computational and Applied Mathematics from the University of Wales, Swansea, UK.

Before joining the Kaunas University in 2021, Dr. Pal has been associated with several organisations including the Tata Consultancy Services, Mumbai; Weatherford, Stavanger Area, Norway; Shell, Netherlands; and Maersk and North Oil Companies in Qatar.

At KTH, Prof. Pal leads research in subsurface flow processes, energy transition technologies, and risk-informed decision support for geological energy systems. His expertise spans carbon capture and storage (CCS), enhanced oil recovery (EOR), geothermal energy, and hydrogen storage, integrating laboratory experiments, field data, and advanced numerical modelling. Since January 2022, he is also holding the Program Chair of the Baltic Carbon Forum, Lithuania.

Prof. Pal has authored numerous peer-reviewed publications and coordinates collaborative projects with industry partners, fostering innovation at the intersection of geoscience and energy sustainability.

With warm regards,

Gagan Gupta
Department of Education in Science and Mathematics
National Council of Educational Research and Training
Sri Aurobindo Marg, New Delhi 110016

Phone: 011 26592209

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