

# BHARAT KA AMRUT MAHOTSAV, 10<sup>TH</sup> February, 2022

Under Bharat ka Amrut Mahotsav, Dr. Tarun Kant, Scientist-F, GCR & Head GTI Division delivered a online lecture on “Gene-Mining from Trees using Gene Co-expression Networks and Comparative Genomics for Abiotic Stress Tolerance” during weekly activities (5th-11th Feb. 2022) on 10th February 2022. Dr Tarun kant discussed about Glycophyte & halophyte plants, In silico pipeline (gene to gene approach) and Massively parallel in silico large scale gene mining etc. Sh M R Baloch, IFS, Director, all HODs, Scientists & CTOs attended the program. Program was organized in hybrid mode. All other officers and staff attended the lecture offline. Smt. Anita, HOD Extension conducted the program.



**ARID FOREST RESEARCH INSTITUTE**  
JODHPUR

**Chief Patron**

**Shri M.R. Baloch, IFS**  
PCCF & Director, AFRI, Jodhpur

**Lecture By**

**Dr. Tarun Kant, SCI-F**  
GCR & Head, GTI Division

**75 Azadi Ka Amrit Mahotsav**

Weekly activity  
5<sup>th</sup>-11<sup>th</sup> February 2022

**Gene-Mining from Trees using Gene Co-expression Networks and Comparative Genomics for Abiotic Stress Tolerance**

Thursday, 10<sup>th</sup> February, 2022 at 4.00-5.30 pm, Venue : Seminar Hall  
Join us on Google Meet link: <https://meet.google.com/jdq-srsv-duz>





AFRI SEMINAR HALL is presenting

### Salinity

Most challenging of all abiotic stresses

- Over 800 million ha of saline land globally

Control of cellular ionic balance, also called **ion homeostasis**, is directly controlled by several genes (like  $\text{Na}^+$ -ion transporters, transcription factors etc.)

Participants in the video call include: Shiv Lal Chouhan, M R Balooh, ameenullah khan, IT-CELL AFRI, AFRI SEMINAR HALL, Saroj sisodia, Narendra Limba, 29 others, and You.

1:19 PM | jdq-srsv-duz