

**FIELD TRIP**  
**to**  
**APTRANSCO SUBSTATION**  
**BOMMURU, E.G.Dt, A.P**



*ON 26/07/2022*

*CONDUCTED BY*  
***DEPARTMENT OF PHYSICS***

*WITH THE STUDENTS OF*  
***II B.Sc M.P.C***



**Government College (A), Rajamahendravaram**  
**Accredited with NAAC "A+" @ 3.38 CGPA under RAF 2017**  
**Rajamahendravaram, East Godavari District - 533105, A.P., INDIA**

# FIELD TRIP-APTRANSCO SUBSTATION

The department of Physics organized one day field trip to AP Transco 220 KV substation, Bommuru On 26.07.2022. Four lecturers along with 50 students of II B.Sc (MPC) visited the substation.. This substation collects 11KV voltage from different power stations and stepped up to 220KV for transmission of electric power. Sri AV Rama Suresh, Additional Divisional Engineer explained how the electric power is generated, transmitted and distributed in the form of Alternating current.

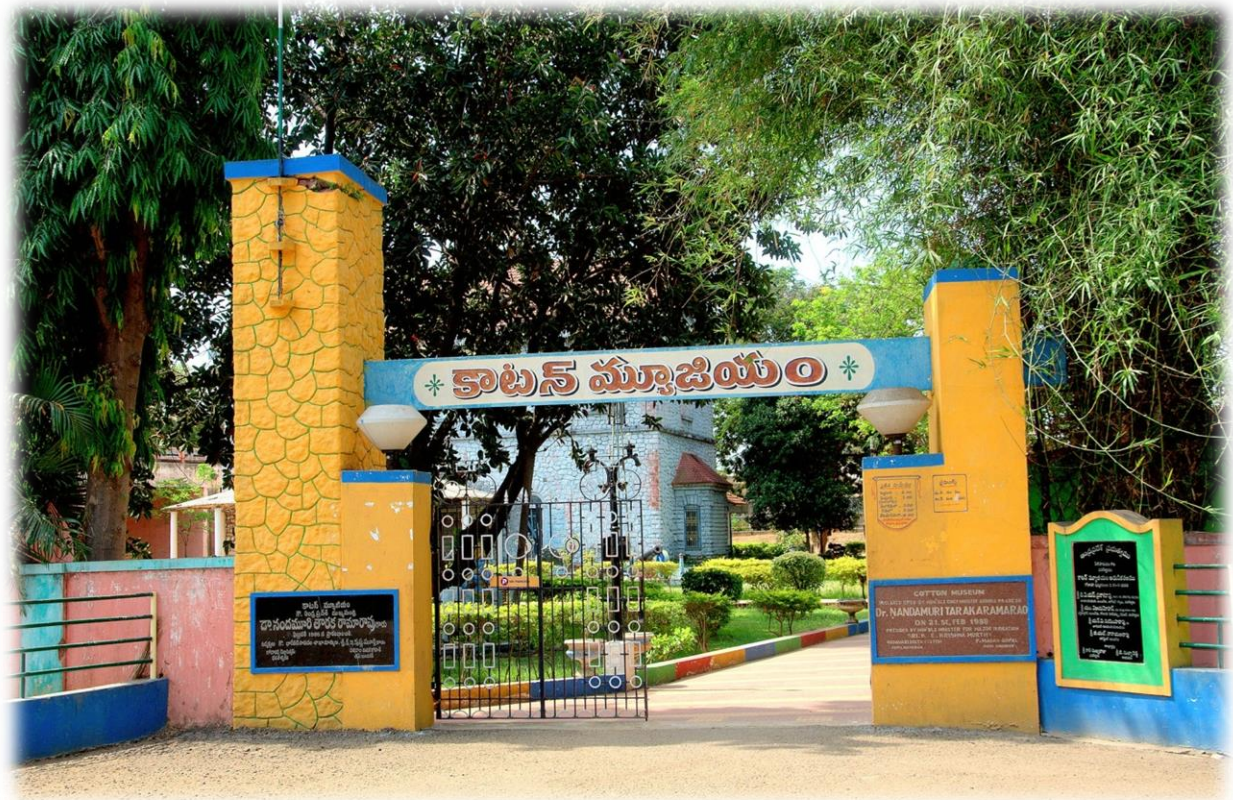




ನೀವು ಇಲ್ಲಿಗೆ ಬಂದಿರುವುದು  
ವಿದ್ಯುತ್ ಶಕ್ತಿಯನ್ನು  
ಸುರಕ್ಷಿತವಾಗಿ ಮತ್ತು  
ಸುಲಭವಾಗಿ  
ಪಡೆಯುವುದು.

# SIR ARTHUR COTTON MUSEUM

After the factory visit and lunch the entire team visited Sir Arthur Cotton Museum at Dowleswaram. The object of the trip was to explain the students how the great Engineer Sir Arthur Cotton constructed the mighty anicut across Godavari river during those olden days and converted the lands of East and West Godavari Districts as very fertile. The Museum also narrates the construction of present Sir Arthur Cotton Barrage constructed with the advance engineering skill.





**GENERAL SIR ARTHUR COTTON**

RE K.C.S.I.

**DESIGNER AND ARCHITECT  
OF THE GODAVARI ANICUTS**

BORN - 1803 MAY 15.  
DIED - 1899 JULY 24.

UNVEILED BY  
**DR. NANDAMURI TARAKA RAMA RAO,**  
HON'BLE CHIEF MINISTER OF ANDHRA PRADESH, 5.12.1997.

