



**S.V.A. Govt. College, Srikalahasti**  
Accredited by NAAC with B+ grade  
Affiliated to S.V. University, Tirupati



**From**

Dr.T.Suneetha  
Lecturer Incharge  
Dept. of Mathematics  
S.V.A. Govt. College  
Srikalahasti

**Date: 18.11.23**

**Srikalahasti**

**To**

The Principal  
S.V.A. Govt. College  
Srikalahasti

**Madam,**

**Sub:** Dept. of Mathematics – Organization of Field visit to Sub Station, Srikalahasti –  
Permission to conduct – Request – Regd.

I submit that the faculty members of Mathematics of Mathematics resolved to organize an educational field visit to “Sub Station, Srikalahastion” on 21.11.23. This field visit helps the students to practically experience and learn new things, apart from regular curriculum, to expand their knowledge spectrum and to enhance contextual learning. In this regard, I request you to kindly permit us to organize the field visit for the benefit of students. The details of the staff and students participating in the program are attached herewith.

Thanking you madam,

Yours faithfully

**Dr.T.Suneetha**



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**From**

Dr.T.Suneetha  
Lecturer Incharge  
Dept. of Mathematics  
S.V.A. Govt. College  
Srikalahasti

Date: 18.11.23  
Srikalahasti

**To**

The Manager  
Power Sub Station  
Srikalahasti.

**Sir/Madam,**

**Sub:** S.V.A. Govt. College (M), Srikalahasti – Dept. of Mathematics} – Organization of Field visit to {Sub station, Srikalahasti} – Permission to visit – Request – Regd.

I submit that the Mathematics of Mathematics of S.V.A. Govt. College (M), Srikalahasti is willing to organize an educational field visit to “Sub Station, Srikalahasti” on 21.11.23. This field visit helps the students to practically experience and learn new things, apart from regular curriculum, to expand their knowledge spectrum and to enhance contextual learning. In this regard, I request you to kindly permit us to visit Sub Station, Srikalahasti for the benefit of students. The details of the staff and students participating in the program are attached herewith.

Thanking you Sir/Madam,

Yours faithfully

Dr.T.Suneetha



**Circular**

**Field Visit to Sub Station, Srikalahasti**

Date: 19.11.23

This is to inform students of III MPCs that the Mathematics of Mathematics is organizing a field visit to Sub Station, Srikalahasti on 21.11.23.

In this field visit, students will learn

1. Field trips expose students to different lifestyles, places and eras.
2. The main objective of conducting a field trip for students is to reinforce experiential and contextual learning.
3. The purpose of the field trip is usually observation for education, non-experimental research or to provide students with experiences outside their everyday activities.

Hence, all III MPCs students are hereby instructed to attend the field visit without fail.

Signature of Incharge  
Dept. of Mathematics



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**Field Visit to Sub Station, Srikalahasti**  
**Photographs / Press Clippings**





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**Field Visit to Sub Station, Srikalahasti**  
**List of Students**

| S. No. | Name of the candidate | Class    | Signature        |
|--------|-----------------------|----------|------------------|
| 1      | B.BARATH              | III MPCs | B. Barath        |
| 2      | B.DINESH              | III MPCs | B.               |
| 3      | C.VINOD KUMAR         | III MPCs | Vinod Kumar      |
| 4      | C.VENKATADRA          | III MPCs | C.               |
| 5      | E.MOHAN KRISHNA       | III MPCs | Mohan Krishna    |
| 6      | G.PALLAVI             | III MPCs | G. pallavi       |
| 7      | K.PURNA CHANDRA       | III MPCs | K. purnachandra  |
| 8      | K.BALARAJA NAIK       | III MPCs | Balaraja Naik    |
| 9      | P.PAVAN KUMAR         | III MPCs | P.               |
| 10     | P.SURESH REDDY        | III MPCs | P. Reddy         |
| 11     | PUDAY KUMAR           | III MPCs | P.               |
| 12     | R.LEELA PRASAD        | III MPCs | R.               |
| 13     | T.ABELU               | III MPCs | T. Abelu..       |
| 14     | T.PRAVALLIKA          | III MPCs | T. pravallika    |
| 15     | T.SURENDRA BABU       | III MPCs | T. Surendra      |
| 16     | U.VENKATESH           | III MPCs | U. Venkatesh     |
| 17     | V.HARSAVARDHAN        | III MPCs | V. Har savardhan |
| 18     | V.PRABAS              | III MPCs | V. Prabas        |



Field Visit to Sub Station, Srikalahasti  
Feedback Form

| S.No. | Name of the candidate | Class    | Feedback   | Signature        |
|-------|-----------------------|----------|------------|------------------|
| 1     | B.BARATH              | III MPCs | Very good  | B. Barath        |
| 2     | B.DINESH              | III MPCs | Good       | B. Dinesh        |
| 3     | C.VINOD KUMAR         | III MPCs | Very good  | C. Vinod Kumar   |
| 4     | C.VENKATADRA          | III MPCs | Good       | C. Venkataadra   |
| 5     | E.MOHAN KRISHNA       | III MPCs | Very good  | E. Mohan Krishna |
| 6     | G.PALLAVI             | III MPCs | Nice       | G. Pallavi       |
| 7     | K.PURNA CHANDRA       | III MPCs | good       | K. Purna Chandra |
| 8     | K.BALARAJA NAIK       | III MPCs | very good  | K. Balarama Naik |
| 9     | P.PAVAN KUMAR         | III MPCs | Nice       | P. Pavan Kumar   |
| 10    | P.SURESH REDDY        | III MPCs | good       | P. Suresh Reddy  |
| 11    | P.UDAY KUMAR          | III MPCs | Nice       | P. Uday Kumar    |
| 12    | R.LEELA PRASAD        | III MPCs | very good  | R. Leela Prasad  |
| 13    | T.ABELU               | III MPCs | Very good  | T. Abelur        |
| 14    | T.PRAVALLIKA          | III MPCs | good       | T. Pravallika    |
| 15    | T.SURENDRA BABU       | III MPCs | very good  | T. Suresh Babu   |
| 16    | U.VENKATESH           | III MPCs | very Nice. | U. Venkatesh     |
| 17    | V.HARSAVARDHAN        | III MPCs | Nice       | V. Harshavardhan |
| 18    | V.PRABAS              | III MPCs | good       | V. Prabhas       |



## **Field Visit to Sub station, Srikalahasti** **Outcome and Analysis**

### **Outcomes**

Field trips involve students in their own education. By taking students out into the world around them, teachers allow them to become active participants in their own learning instead of passive recipients of information fed to them by their instructors.

A field trip lets students ask questions about what they see and interact with other people who may live in different places around the world — experiences that can significantly enrich their perspective on life and increase their knowledge base.

Field trips also give students a chance to practice skills they've learned in class, such as reading maps, following directions and interacting with strangers. This helps solidify what they've learned in class, making it easier to remember when they're back at colleges.

### **Report**

The department of Physics and Mathematics Staff went to the Power sub Station on 21.11.23 at 10.30am along their students and met the manager and other staff of the power substation. The employees of power substation explained the primary purpose of the Srikalahasti Power Substation is to receive electricity from generating stations via transmission lines and distribute it to various consumers in the region. It serves as a critical node in the regional power grid, ensuring reliable electricity supply to residential, commercial, and industrial consumers.

The substation is equipped with high-voltage transformers, circuit breakers, switchgear, and other essential equipment necessary for stepping down high-voltage electricity received from transmission lines to lower voltages suitable for distribution to end-users. These facilities enable efficient power distribution and management within the local area. The substation has a specified capacity for handling a certain amount of electricity, typically measured in megawatts (MW) or gigawatts (GW). This capacity determines the maximum load it can handle at any given time, ensuring that electricity demand from consumers can be met without disruptions.



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Regular maintenance and upkeep of the substation infrastructure are crucial to ensure its optimal performance and reliability. Trained personnel oversee operations, monitor electrical parameters, and undertake preventive maintenance to minimize downtime and maximize efficiency.

The Srikalahasti Power Substation plays a vital role in the socio-economic development of the region by facilitating uninterrupted power supply to households, businesses, agricultural operations, and other essential services. It supports industrial activities, enhances living standards, and contributes to overall economic growth.

Future plans may include upgrades to enhance capacity, efficiency, and reliability, as well as integration of advanced technologies for smart grid management. These developments aim to meet growing energy demands, improve energy conservation, and ensure sustainable power distribution in the region.

**Conclusion:** In conclusion, the Srikalahasti Power Substation is a critical infrastructure asset that forms the backbone of electricity distribution in the area. Its efficient operation and maintenance are essential for meeting current and future energy needs while supporting regional development goals.