



**SAMRAT ASHOK TECHNOLOGICAL INSTITUTE, VIDISHA (M.P)**

**Expert Talk**

**on**

**“Electrical Logic Control System & its Operations”**

**11<sup>th</sup> October 2023, 11 AM**

**EXPERT**

**Er. S. S. Rathore**  
**Deputy Engineer**

**BHEL CNC Press Machine & Electrical Logic**



**Convener**

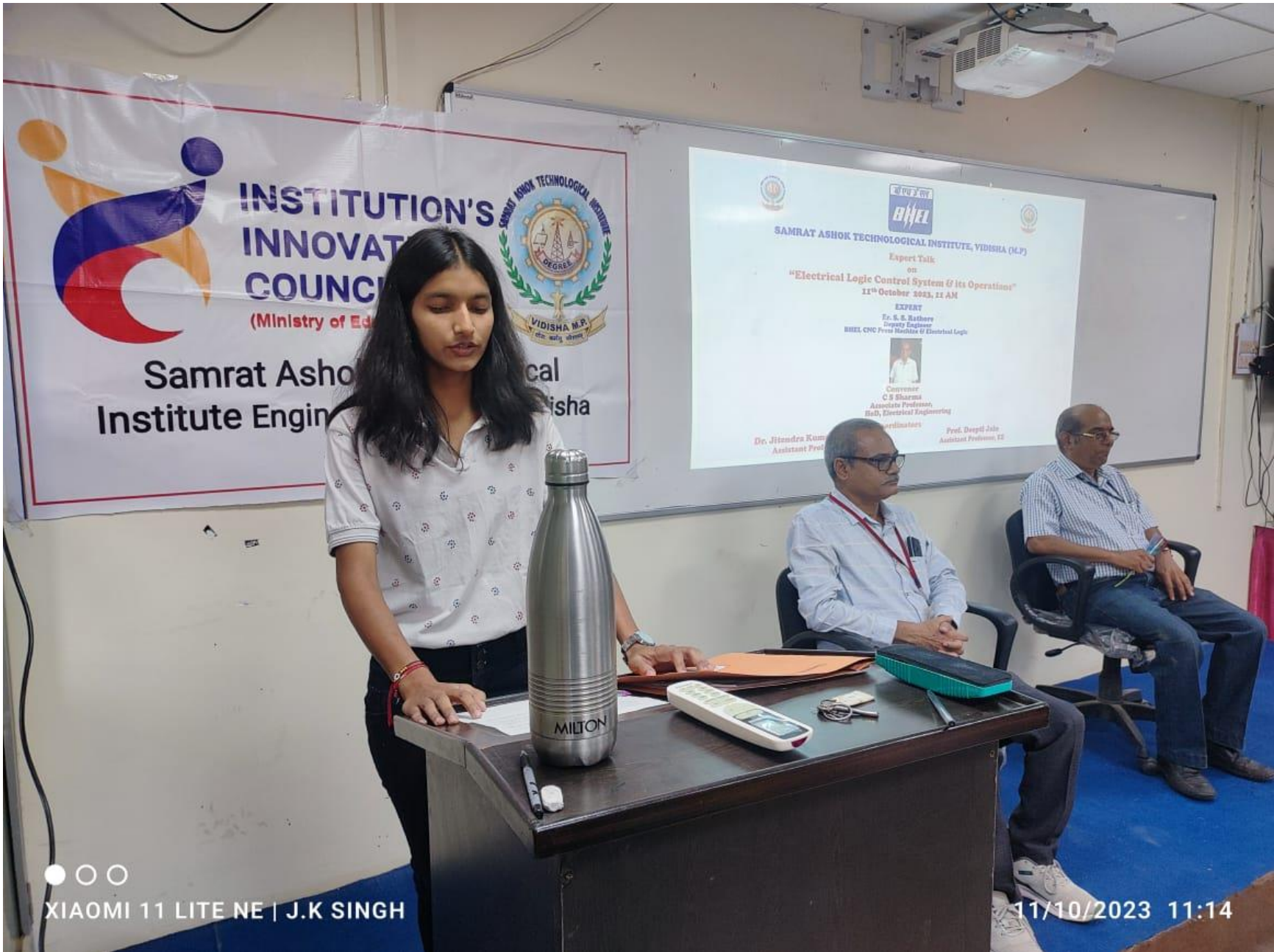
**C S Sharma**

**Associate Professor,**  
**HoD, Electrical Engineering**

**Coordinators**

**Dr. Jitendra Kumar Tandekar**  
**Assistant Professor, EE**

**Prof. Deepti Jain**  
**Assistant Professor, EE**



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# INSTITUTION'S INNOVATION COUNCIL

(Ministry of Education initiative)



**Samrat Ashok Technological  
Institute Engineering College, Vidisha  
(M.P.)**



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**INSTITUTION'S INNOVATION COUNCIL**  
Special Education Initiative  
Sri Sankar Technological Institute  
Vidisha

**SAHARJ ABHIRU VEDYANIKAL INSTITUTI, VIDISHA (M.P.)**  
Expert Talk  
on  
"Electrical Logic Control System for the Operations"  
23<sup>rd</sup> October 2023, 11 AM  
Dr. H. N. Pathan  
Head, Electrical Engineering  
Dr. Harendra Kumar Tripathi  
Assistant Professor, EE  
Prof. Deepak Jais  
Assistant Professor, EE



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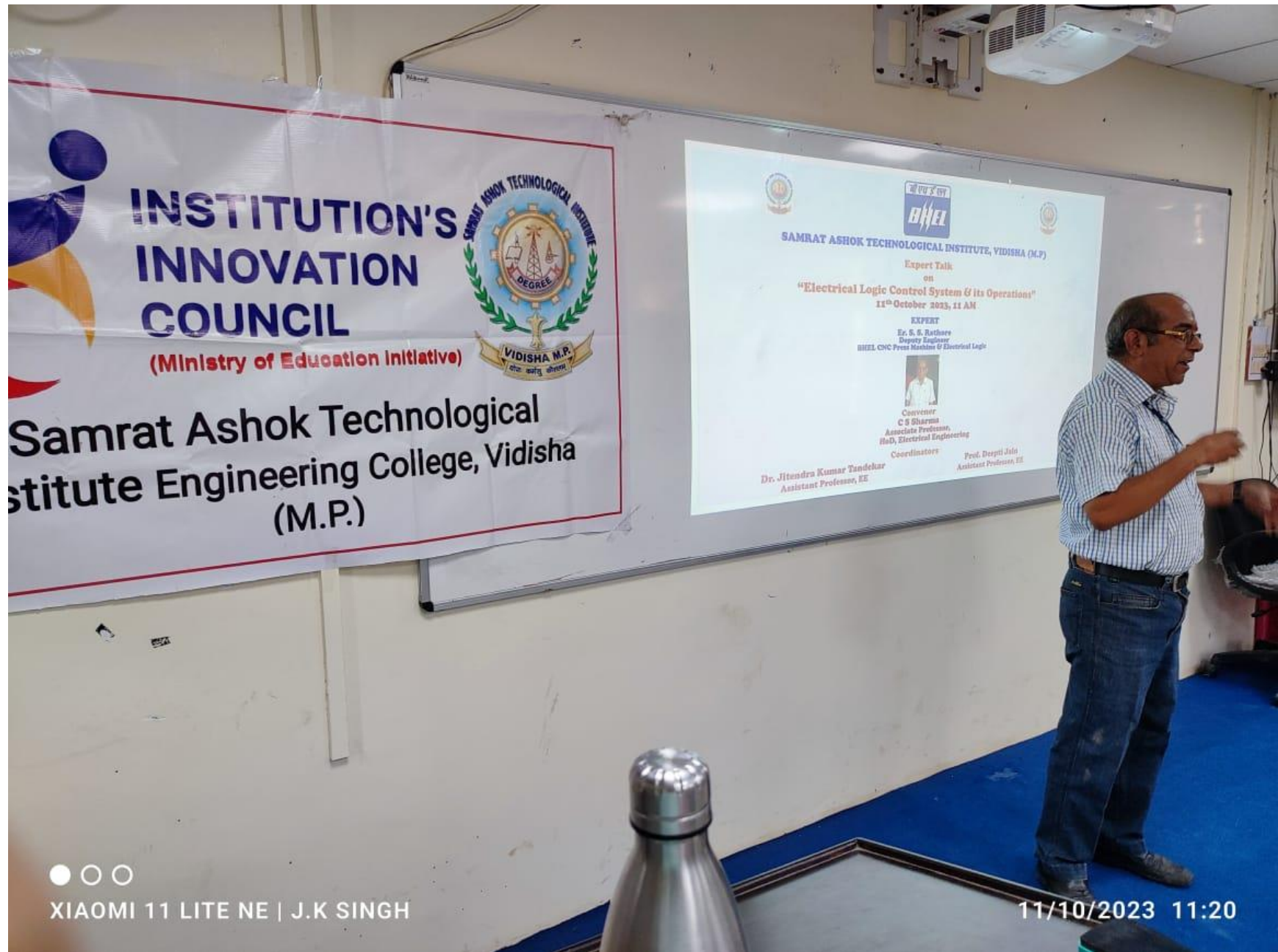
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## Samrat Ashok Technological Institute Engineering College, Vidisha (M.P.)

**SAMRAT ASHOK TECHNOLOGICAL INSTITUTE, VIDISHA (M.P.)**

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Nobel Laureate Er. Shri Kailash Satyarthi  
An Electrical Engineer & Alumnus of S.A.T.I. (Engg College) VIDISHA (M.P.)

ENSURING THAT IT IS DEAD.  
6. DO NOT GO TO THE REAR SIDE OF THE TABLE, THERE MAY BE LIVE WIRE.  
7. ALWAYS CHOOSE INSTRUMENTS OF PROPER RANGE AND TYPE.  
8. GET YOUR CONNECTIONS CHECKED BY PROFESSOR, INCHARGE BEFORE SWITCHING THE SUPPLY ON.  
9. USE FUSE WIRE OF PROPER RATING.  
10. IN CASE OF EMERGENCY OR FIRE, SWITCH OFF THE MASTER SWITCH ON THE MAIN PANEL BOARD.  
11. FAMILIARISE YOURSELF WITH ELECTRIC SHOCK TREATMENT.

UNdertaking THE RESPONSIBILITY IS ON ME ONLY IF THESE INSTRUCTION ARE NOT FOLLOWED.

Name & Sign of Student

Nobel Laureate Er. Shri Kailash Satyarthi with Honourable President of India

Manish Agrawal, Arpit Pancharan, Ankur Choudhary  
Nayana Bhargava, Pradyumn Choudhary, Pankhuri Jain  
& All Students of M.E. Electrical 2012-14 Batch

Department of Electrical Engineering

SAMRAT ASHOK TECHNOLOGICAL INSTITUTE  
An Autonomous Engineering Degree College  
Vidisha

SAHRA  
SAMRAT ASHOK TECHNOLOGICAL INSTITUTE, VIDISHA (M.P.)  
Paper's Title  
"Electrical Logic Control System of its Operations"  
14<sup>th</sup> October 2023, 11 AM  
Dr. M. S. Pathan  
Coordinator  
Dr. M. S. Pathan  
Head, Electrical Engineering  
Dr. M. S. Pathan  
In-charge, Coordinator

SAMRAT ASHOK TECHNOLOGICAL INSTITUTE  
Basic Electrical and Electronics Lab  
List of Experiment

1. To verify Kirchoff's voltage law and Kirchoff's current law and Maxwell's theorem.
2. To determine the power factor of a single phase AC circuit.
3. To determine the real power, reactive power, and complex power in a single phase AC circuit.
4. To determine the performance ratio and power factor in a single phase transformer.
5. To determine the real power, reactive power, and complex power in a three phase transformer.
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ME (1st Year) Electrical Engg. 2019-20 Bank





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SAHJRA  
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Basic Electrical Engineering

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ME (1st Year) Electrical Engg 2019-20 Bank





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EXPERT  
Er. M. S. Bhatnagar  
Faculty Incharge  
MEE Unit, Department of Electrical Engg.  
Guests  
Prof. Dr. Anand Kumar  
Prof. Dr. Anand Kumar

SAMRAT ASHOK TECHNOLOGICAL INSTITUTE  
Basic Electrical and Electronics Lab  
List of Experiment  
1. To verify Kirchhoff's voltage law and Kirchoff's current law and theoretical program.





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