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MANIAMMAI**  
INSTITUTE OF SCIENCE & TECHNOLOGY  
(Deemed to be University)  
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## **PROGRAMME REPORT ON**

**Guest lecture-International guest lecture on advances in  
power system operation and control**

Resource Person

**Prof.Ravi. Professor,Electrical Engineering, Botswana International  
University of Science and Technology**

Organized by

**EEE- PMIST**



**PERIYAR MANIAMMAI INSTITUTE OF  
SCIENCE & TECHNOLOGY**

Periyar Nagar, Vallam, Thanjavur - 613403  
Tamil Nadu, INDIA

**FACULTY OF ENGINEERING AND TECHNOLOGY**

**Department of Electrical and Electronics Engineering**

Special Lecture	Experts / Guest Speaker	Beneficiaries
International guest lecture on Advances in Power System Operation and Control	Prof.Ravi Samikannu Professor Botswanana International University of Science & Technology, Botswana.	IV EEE Students
<b>Date / Period:</b> 17.10.2025 <b>Time:</b> 9.30am. to 4.00 p.m.		
<b>Report / Summary / Key points discussed:</b> <ul style="list-style-type: none"> <li>• Economic load dispatch and unit commitment challenges</li> <li>• Optimal power flow and grid efficiency improvement techniques</li> <li>• Role of SCADA and EMS (Energy Management Systems) in real-time operation</li> <li>• Load forecasting using AI and machine learning</li> </ul>		21



Students actively listening economic load dispatch and unit commitment challenges



Students learning the Load forecasting using AI and machine learning



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## Department of Electrical and Electronics Engineering

### International Guest Lecture on Advances in Power System Operation and Control



**Resource Person**

**Prof.S.RAVI**

**Electronical & Communications Systems Engineering  
Botswana International University of Science &  
Technology, Botswana**

**Date : 17.10.2025  
Venue : Arch LH213  
Time : 09.30am to 04.30pm**



**Microsoft teams meeting**

**Link to join**

**<https://tinyurl.com/5dum4rr4>**

**Meeting ID: 367 041 791 609 5**

**Passcode: ro2yN9iy**

**Coordinator-1**

**Dr.K.Maruliya Begam**

**Asso.Prof. & Head/EEE**

**Coordinator-2**

**Dr.V.Hamsadhwani**

**Asso.Prof./EEE**

**[www.pmu.edu](http://www.pmu.edu)**



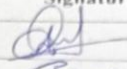
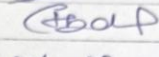
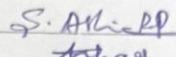
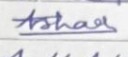
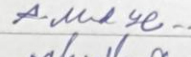
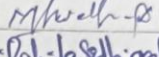
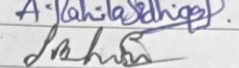
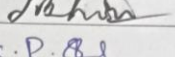
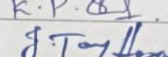
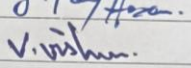
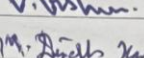
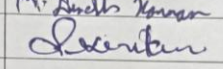
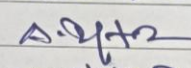
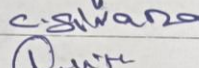
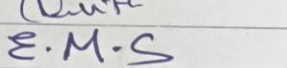
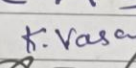
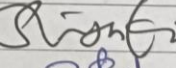
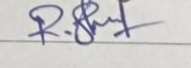
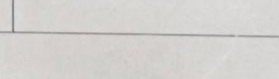
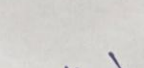
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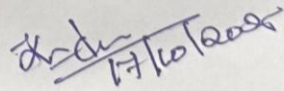
"International Guest Lecture on Advances in  
Power System Operation and Control"

Academic Year 2025-2026 Odd Semester

Date: 17.10.2025

Venue: Dawkins Hall

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11.	122012014488	VISHNUPRASAD V	
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14.	123012064467	MOHAMMED IRFAN A	
15.	123012064470	SIVAMANI C	
16.	123012064471	VIKRAM N	
17.	123012064472	SRI BALAJI E M	
18.	123012064473	VASANTH K	
19.	123012064475	SMITH KINGSLEE P	
20.	123012074001	SUNDAR R	
21.	123012074002	SAKTHIKROSHAN M K	

  
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